

FIG. 1

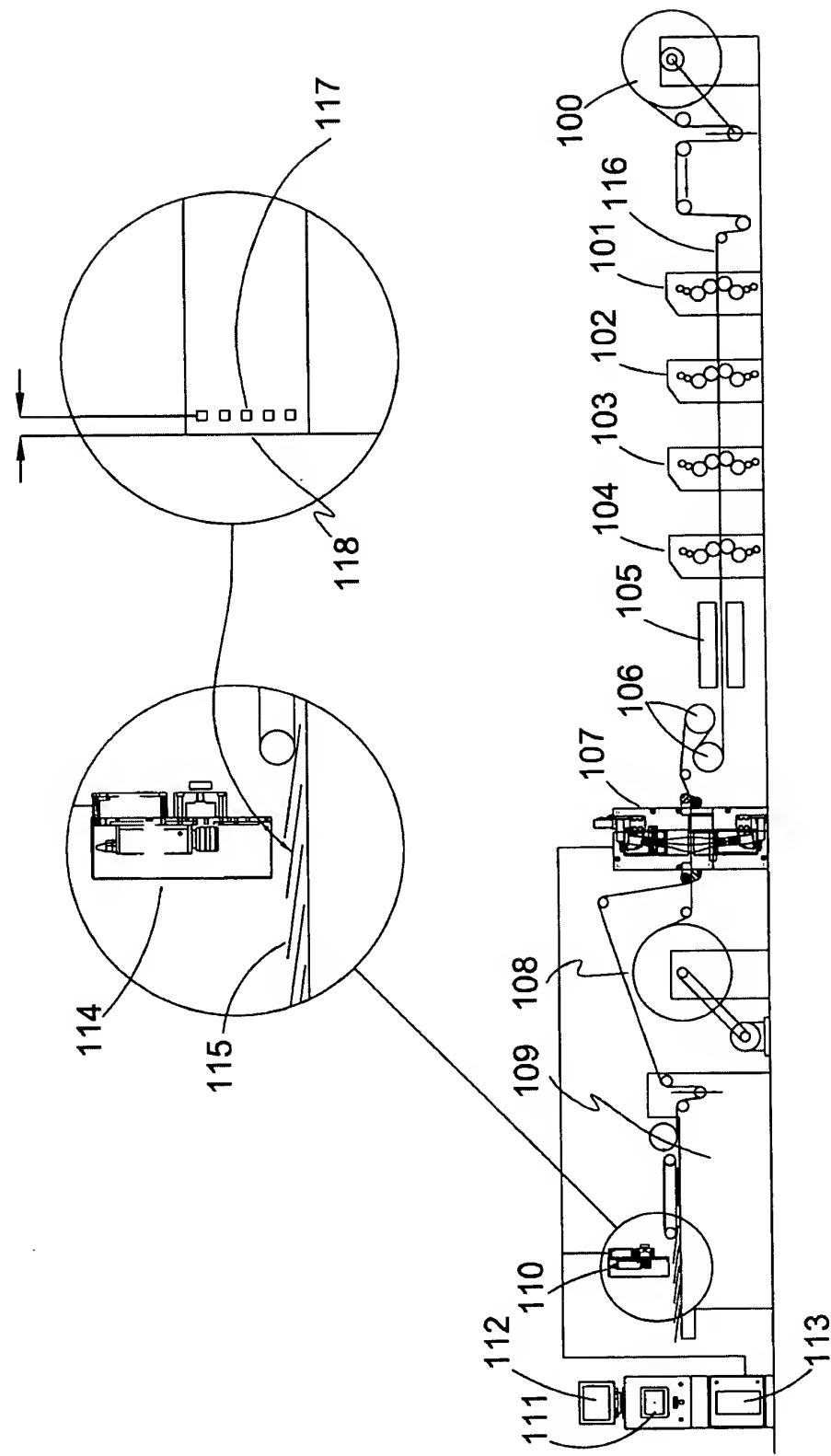


FIG. 2

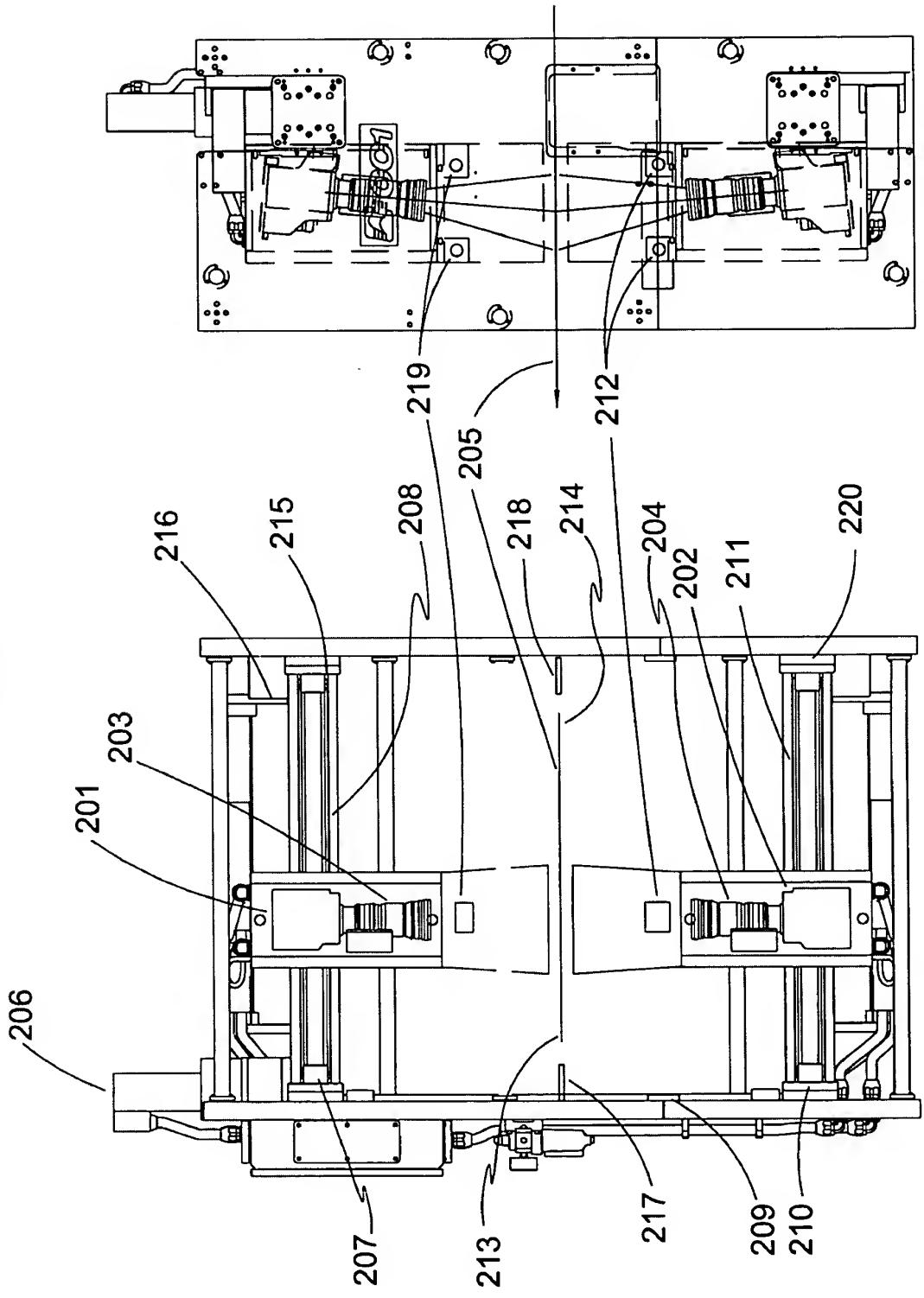


FIG. 3

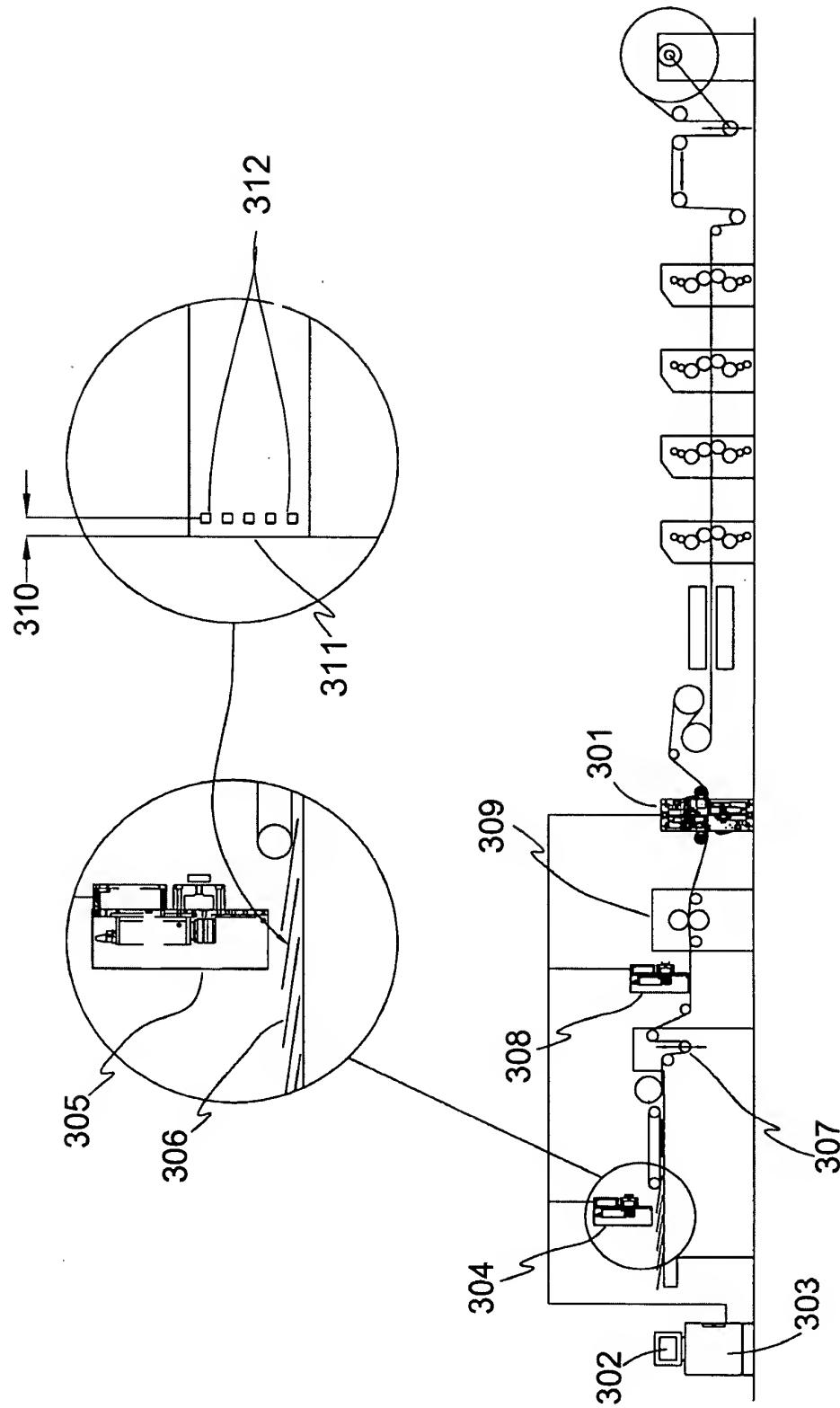
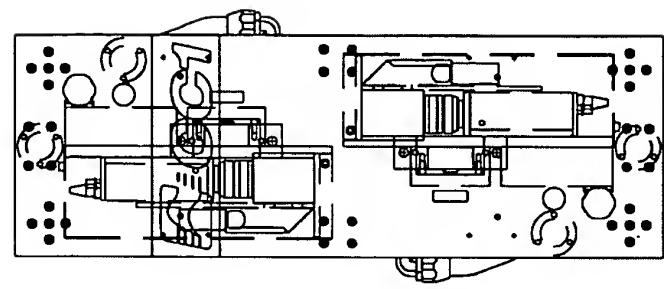
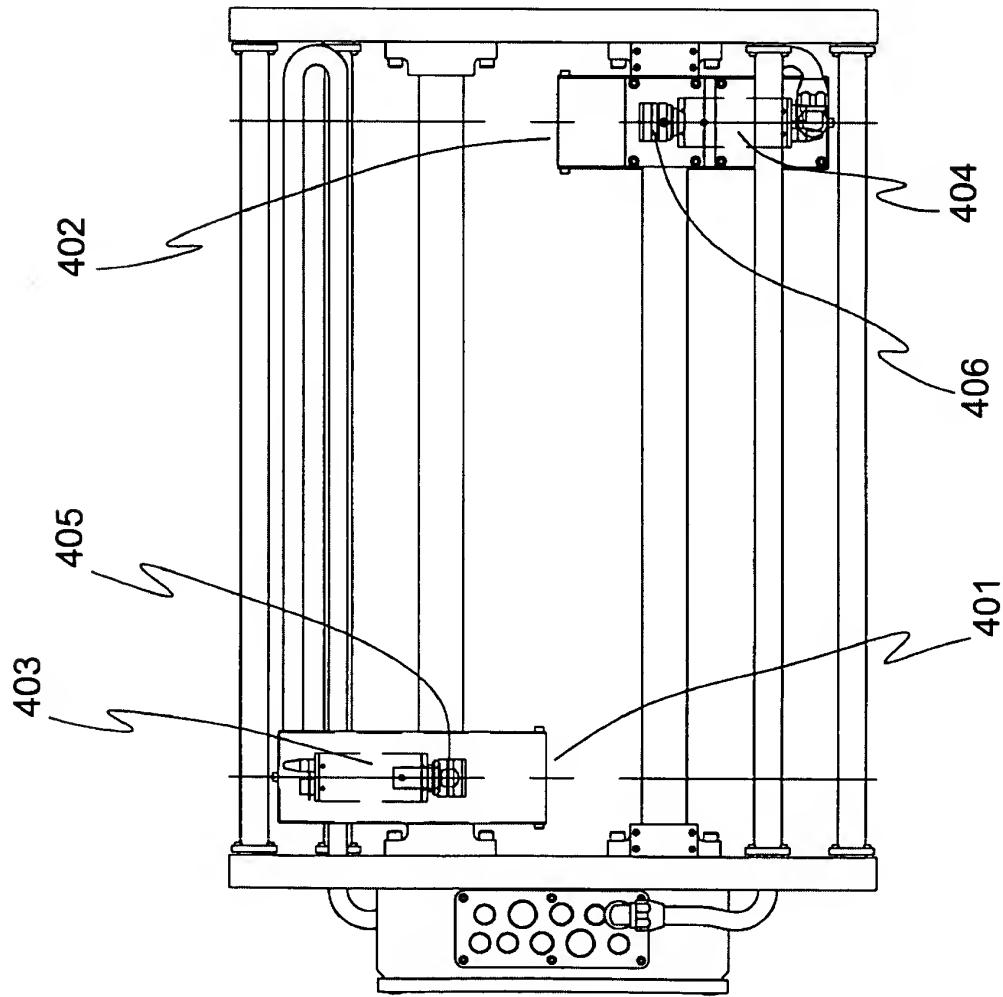


FIG. 4



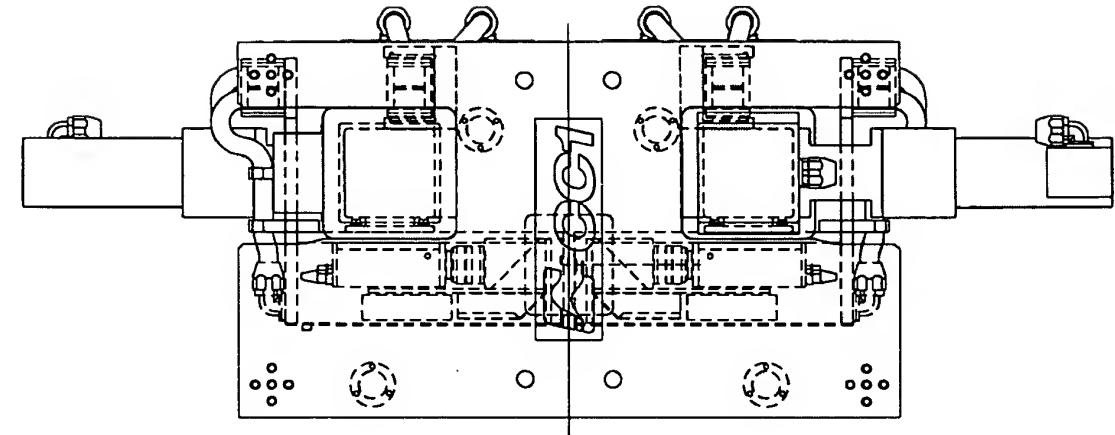


FIG. 5

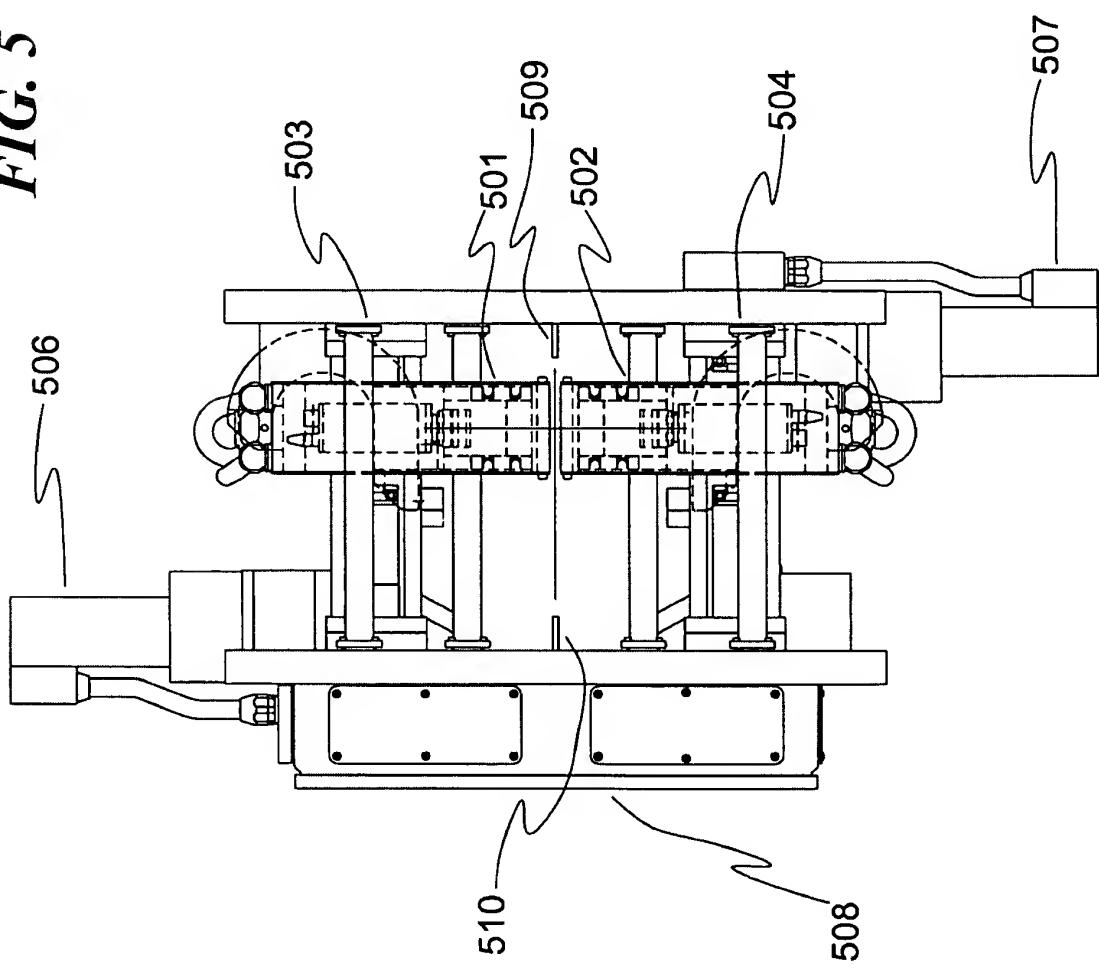


FIG. 6

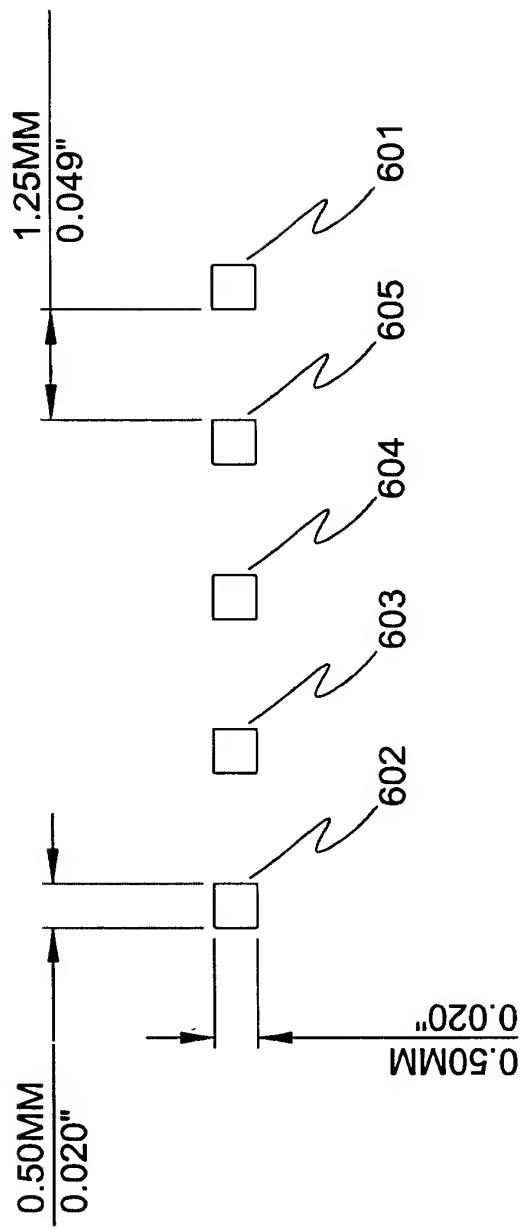


FIG. 7

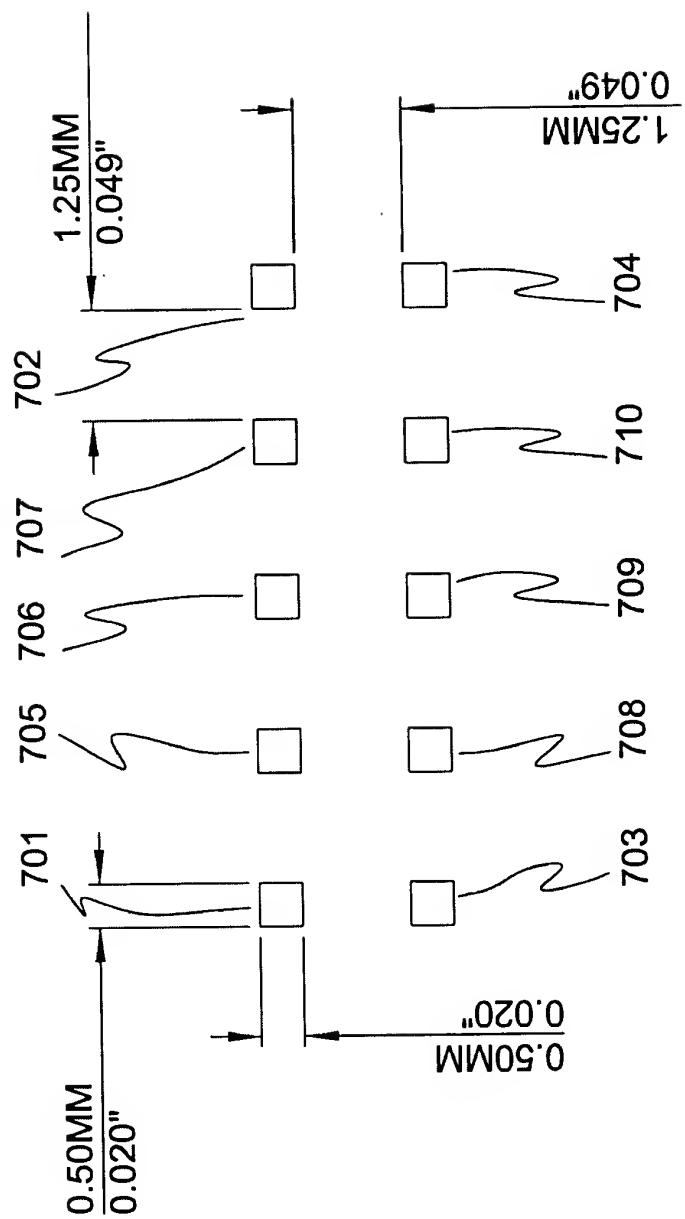


FIG. 8

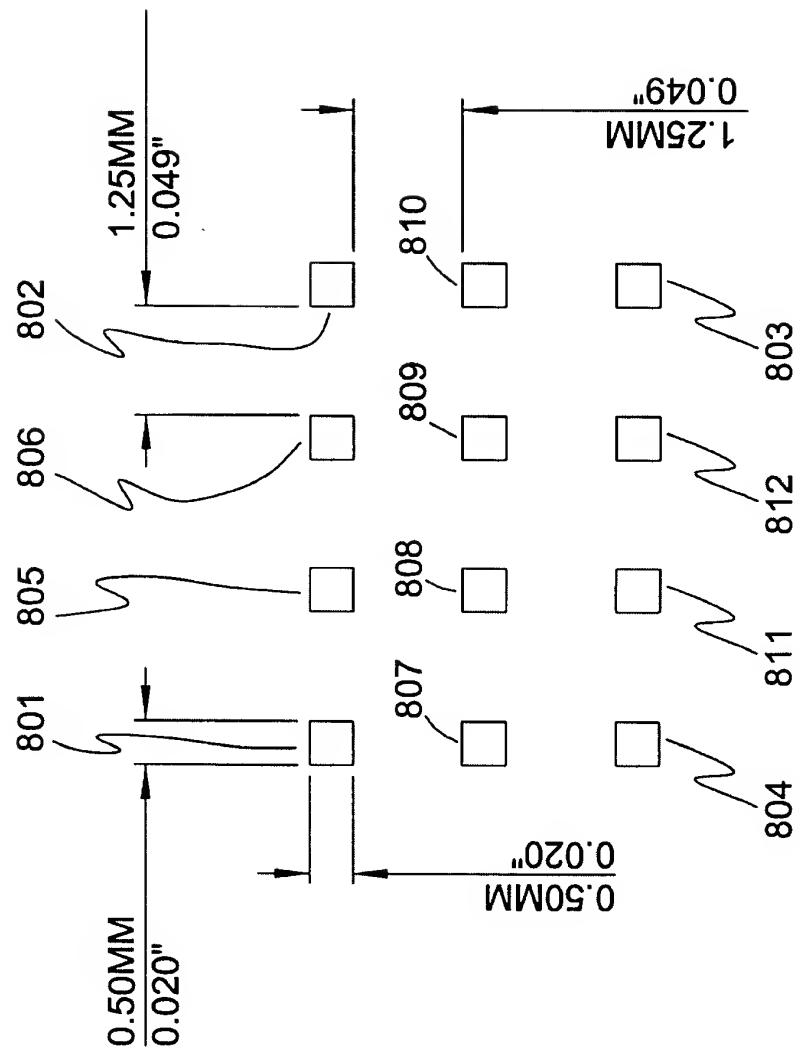
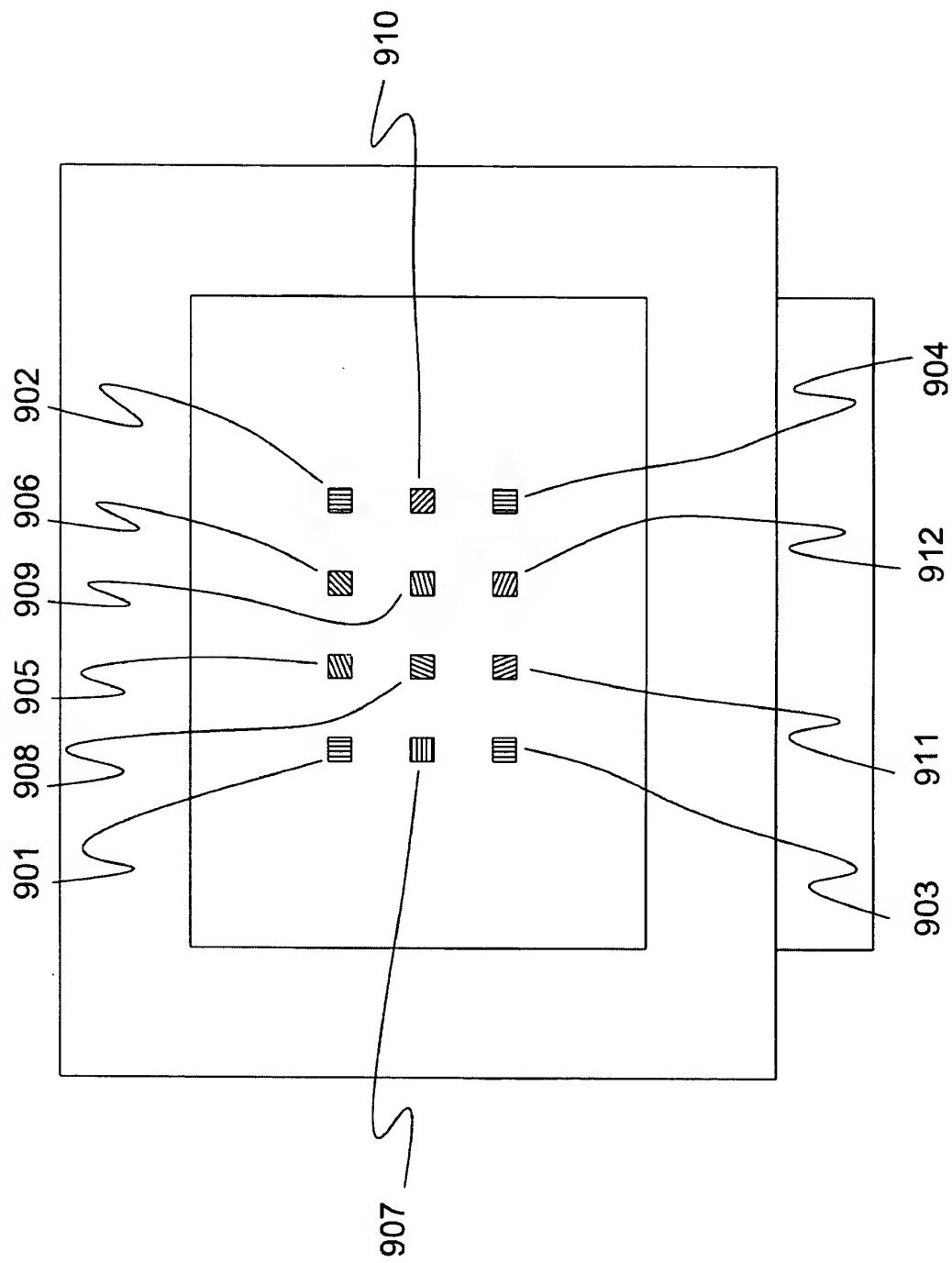


FIG. 9



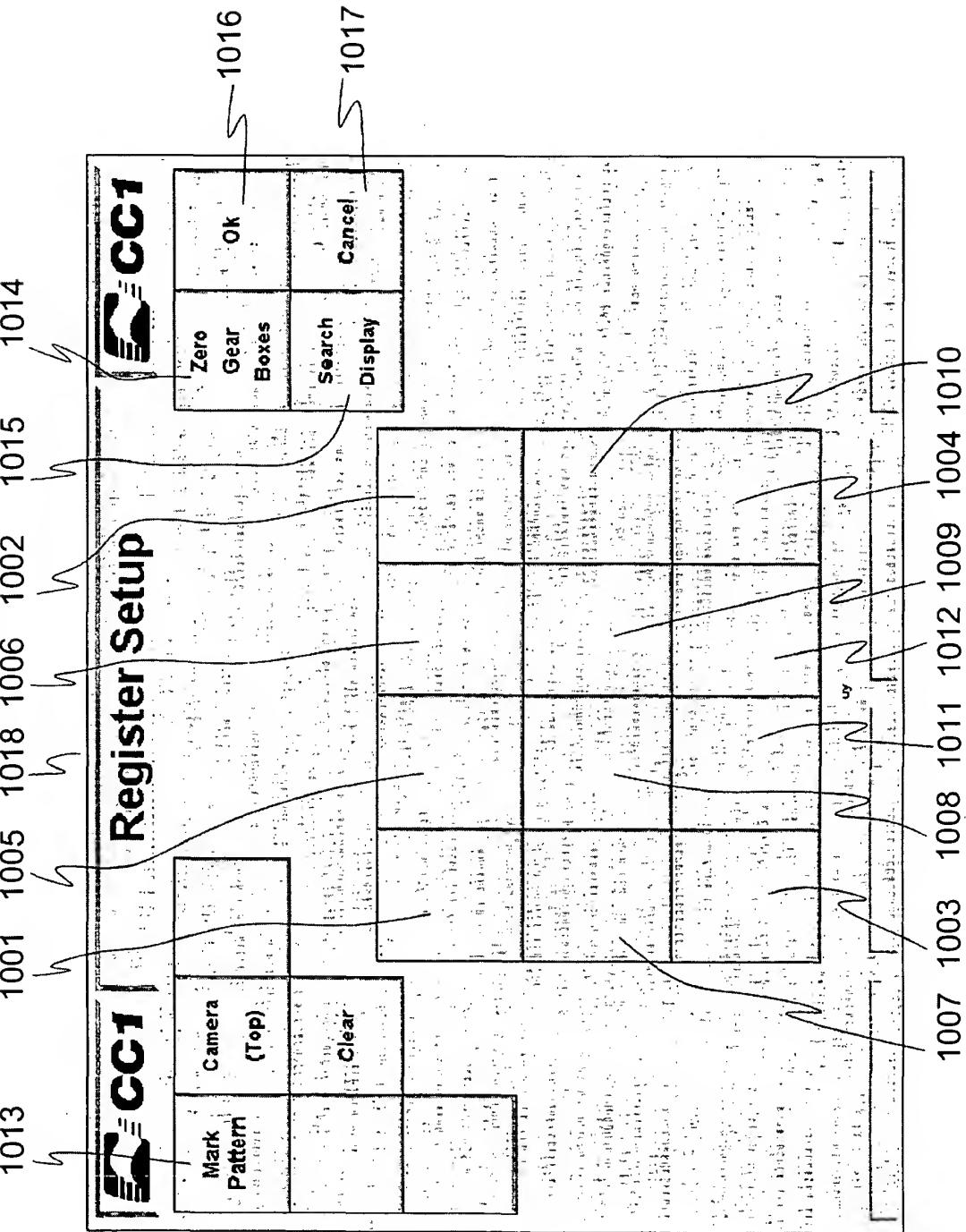
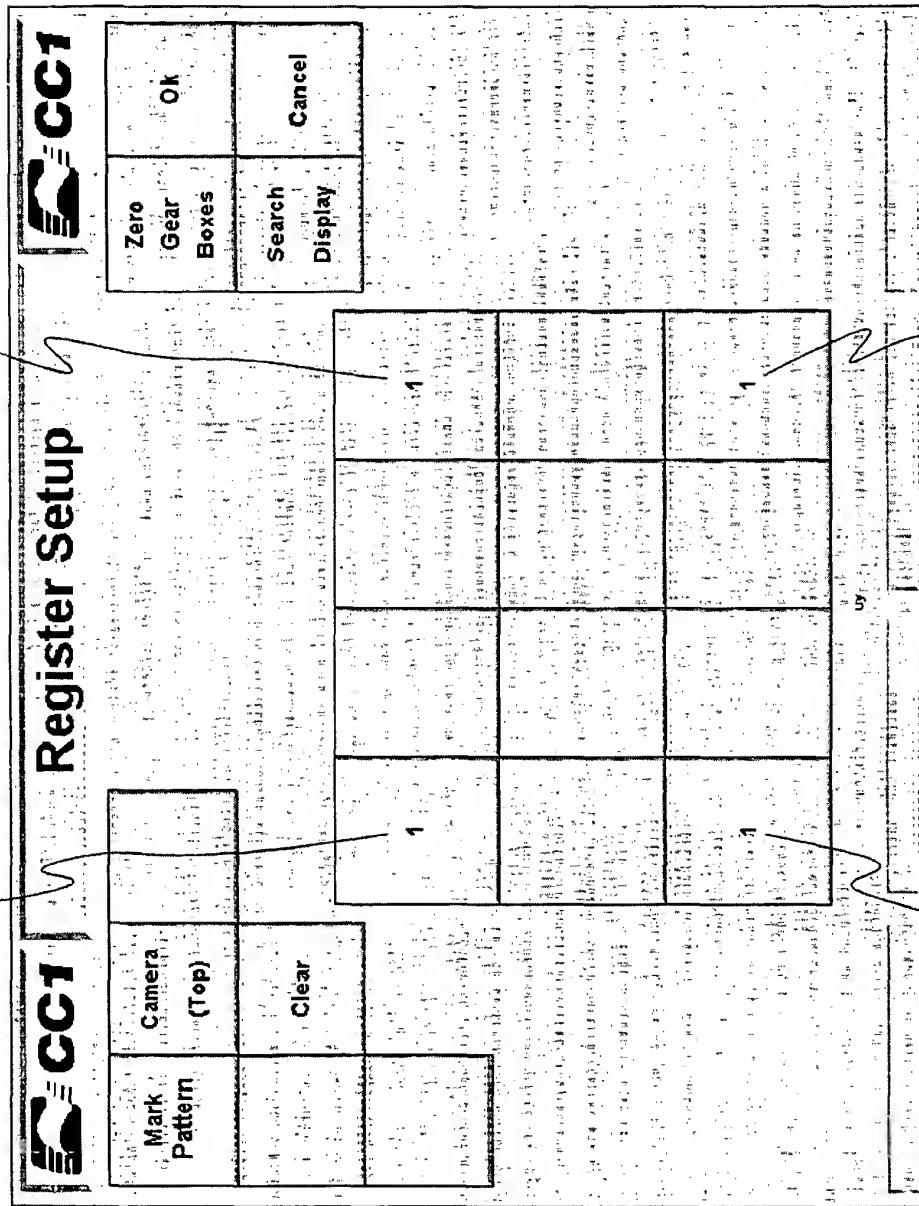


FIG. 11

1101

1102



1103

1104

FIG. 12

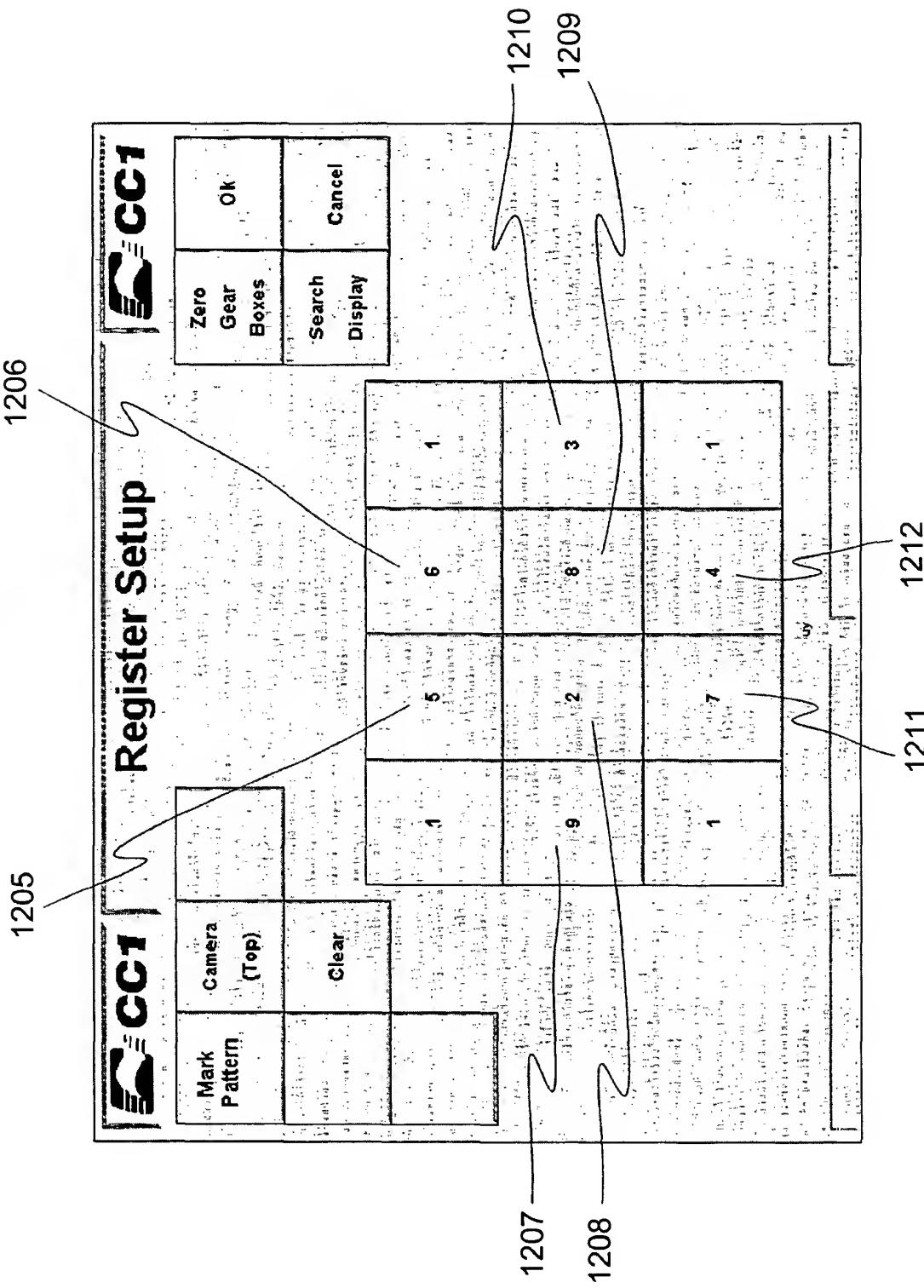


FIG. 13

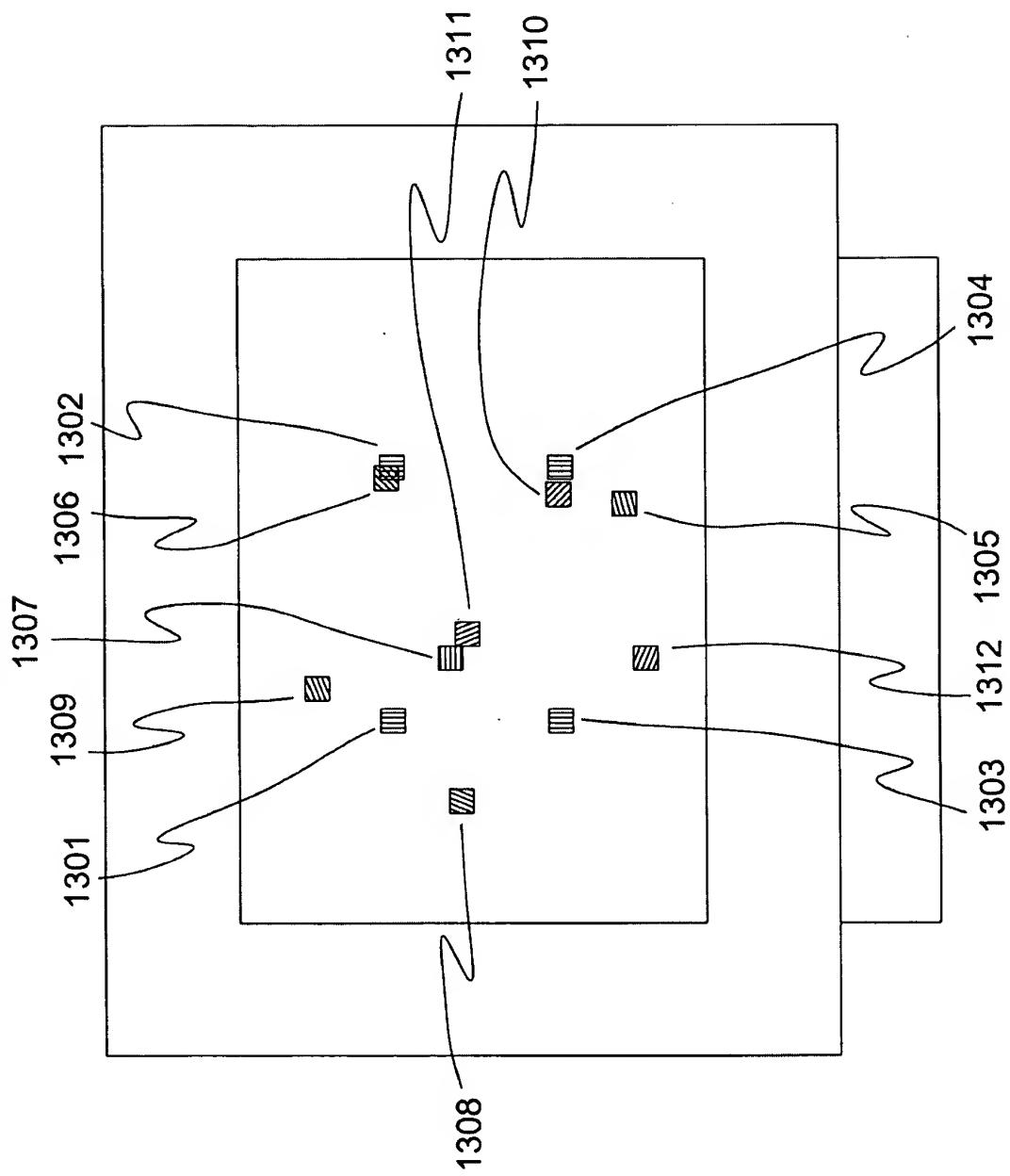


FIG. 14

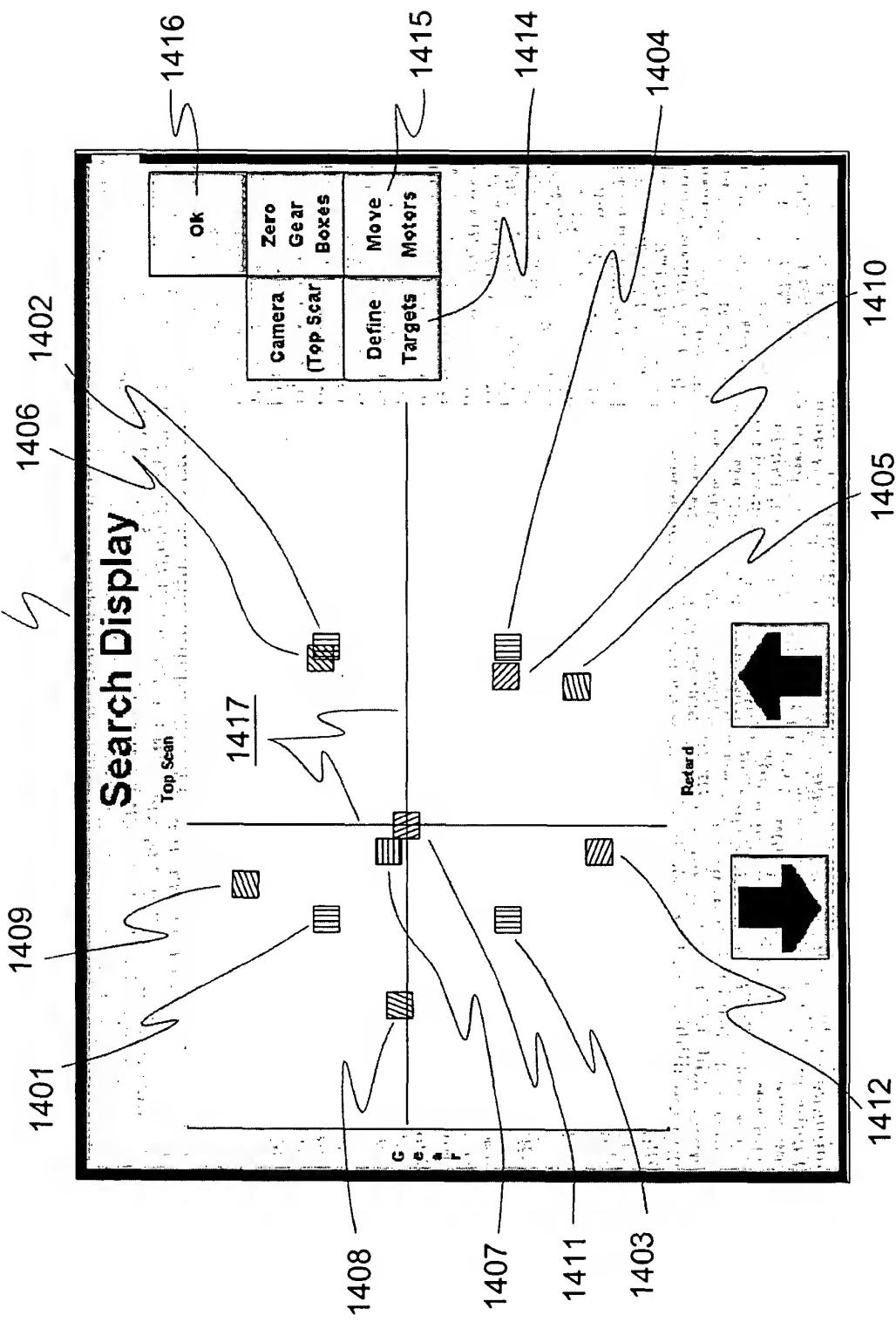
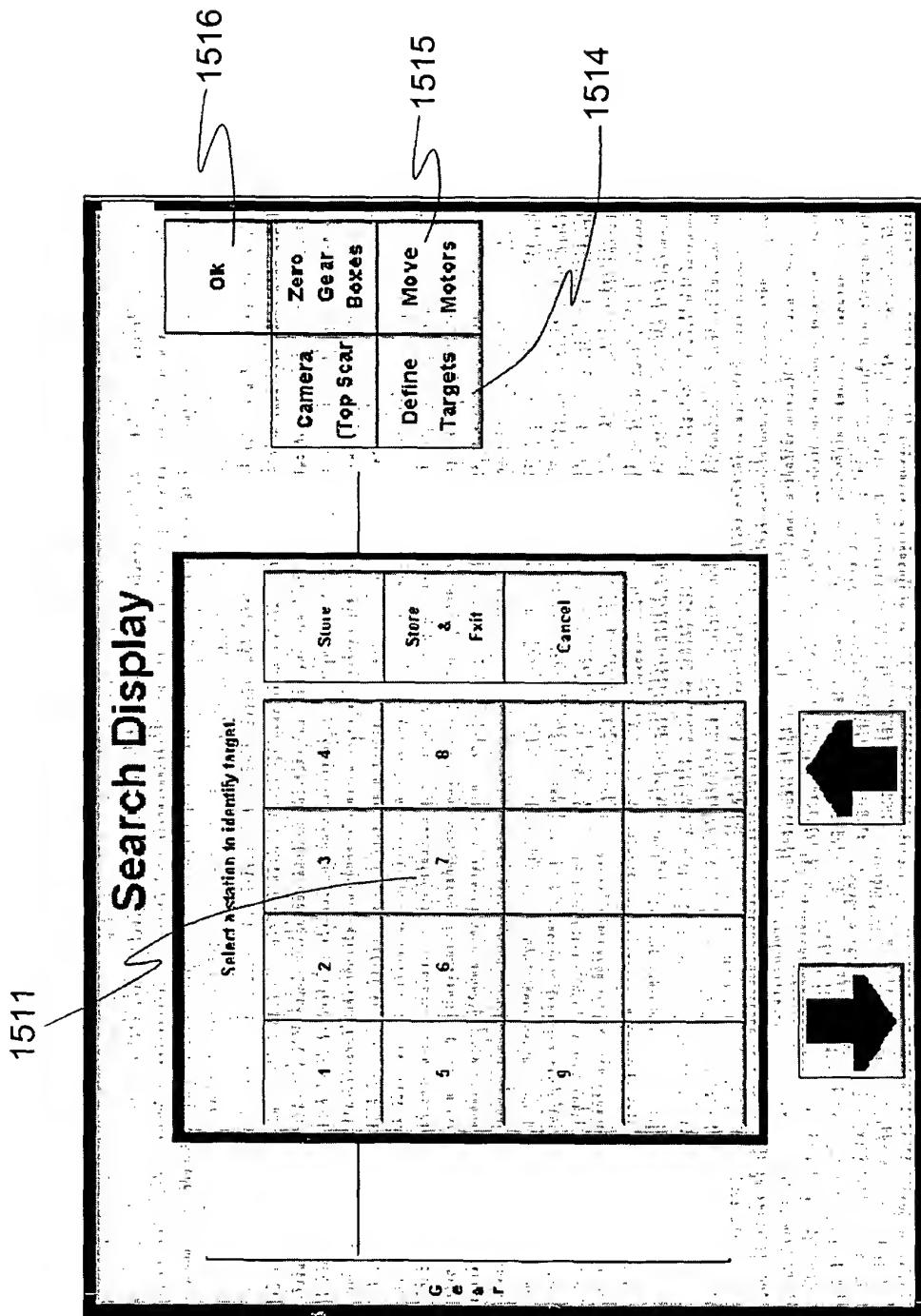
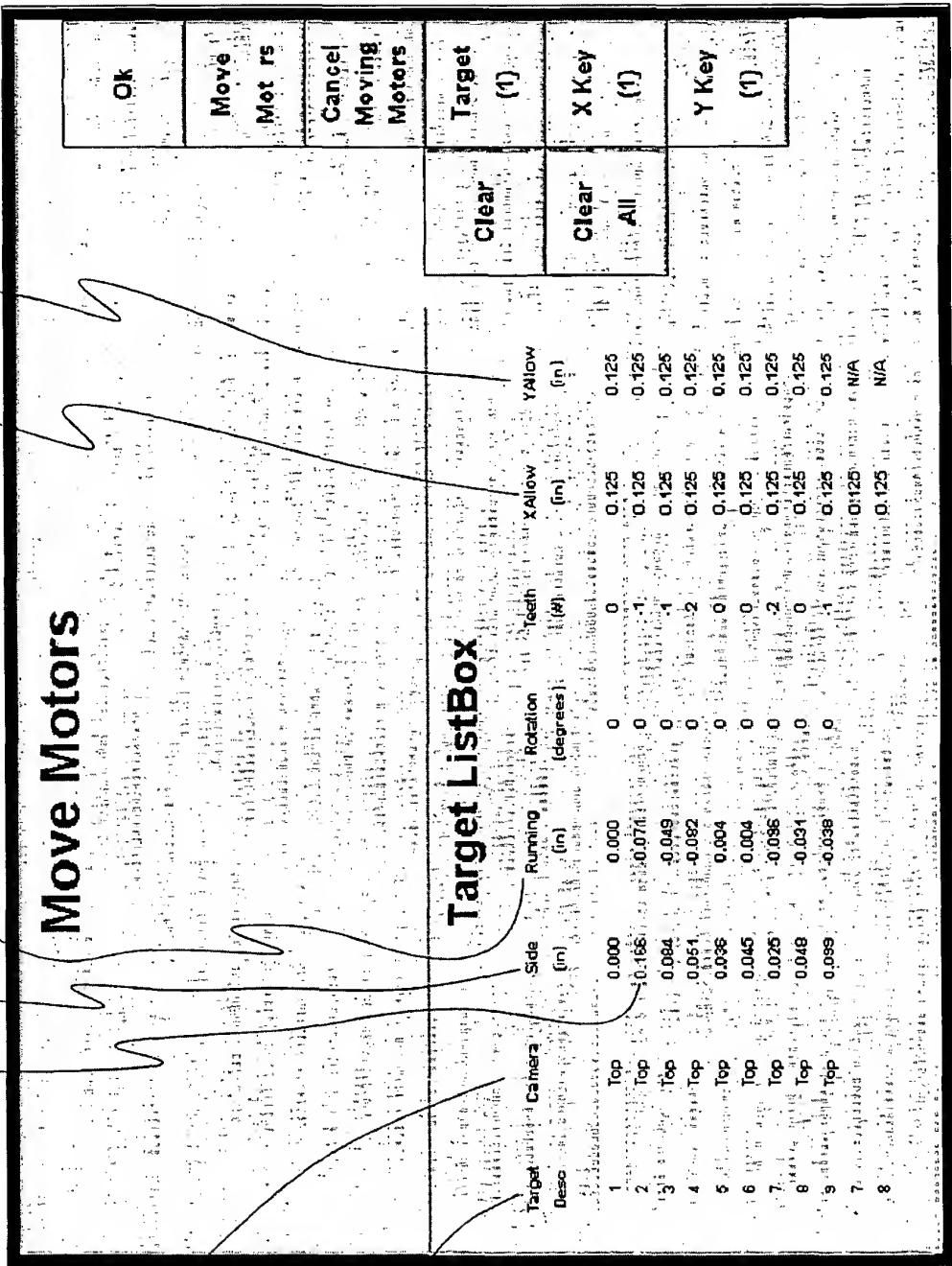


FIG. 15



1604 1605 FIG. 16 1602 1603



Move Motors

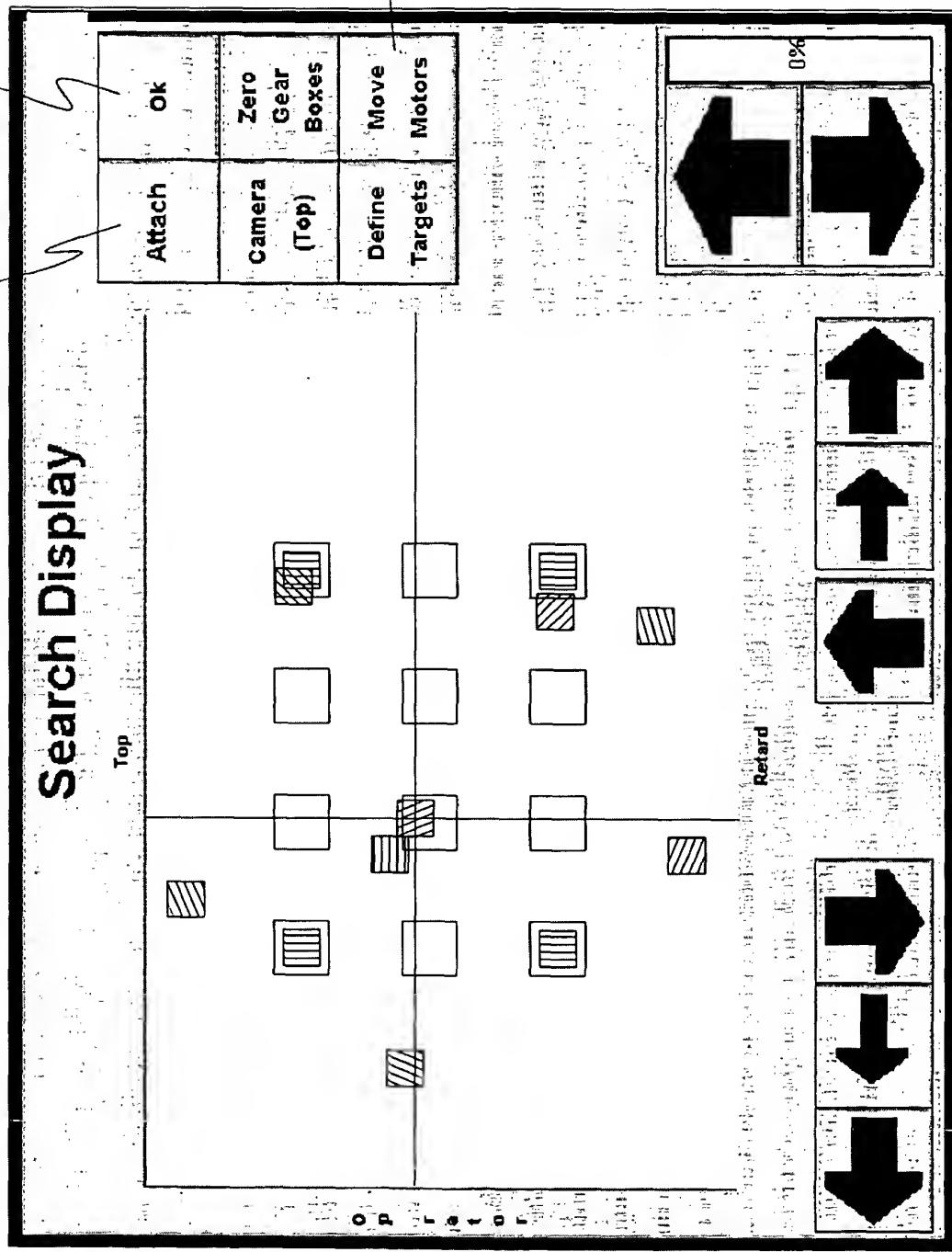
1601

1607

1606

FIG. 17

1717



1719

FIG. 18

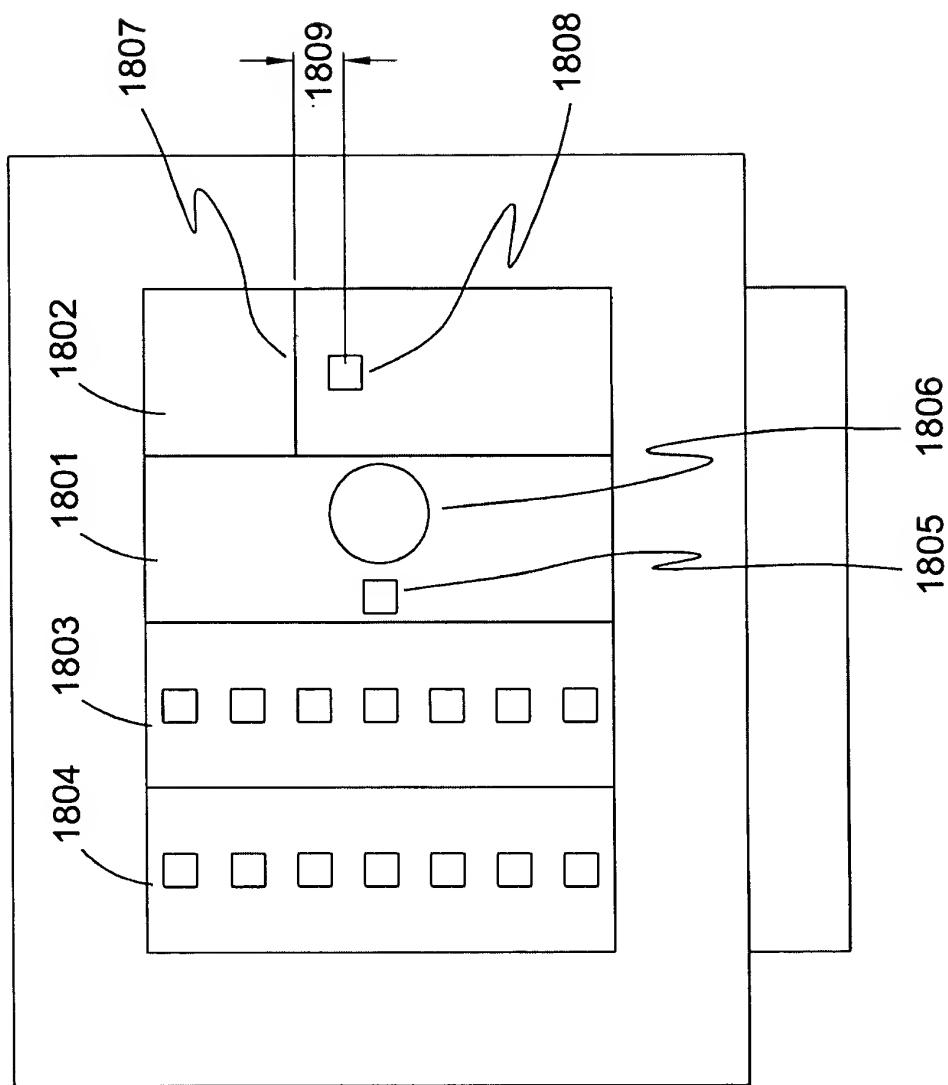


FIG. 19

Waste Savings Analysis	
Exemplary Newspaper Application	
1900	
Customer Information	
Description	Value
1901 Circulation	50000
1902 Width (inches)	14.75
1903 Length (inches)	11.375
1904 Paper Pages Across Web Width	2
1905 Paper Pages Around Circumference	4
1906 # of Paper Pages/Cylinder Revolution	8
1907 Newsprint Cost (US\$/Pound)	US\$ 0.25
1908 Paper Weight (Pounds/Rream)	30
1909 Ink Cost (Percent of Paper Cost)	10%
1910 Make Ready Count / Day On Edition	3
1911 Days per Week	6
1912 Specials per Week	5
1913 Number of Paper Pages per Newspaper	36
1914 Savings (Papers / Make Ready)	1000
Calculations	
1915 Number of Webs	4.5
1916 Square Feet of Paper per Newspaper	41.95
1917 Weight/Paper (Pounds)	0.39
1918 Paper Cost per Newspaper	US\$ 0.098
1919 Ink Cost per Newspaper	US\$ 0.010
1920 Total Cost (per Newspaper)	US\$ 0.108
1921 Cost per 1000 Papers	US\$ 108.14
1922 Make Ready (per Week)	23
1923 Savings per Week (Number of Papers)	23000
1924 Savings per Week (Tons of Newsprint)	4.5
1925 Savings per Year (Tons of Newsprint)	235
1926 Savings per Week (US\$ paper & ink only)	US\$ 2487
1927 Savings per Year (total US\$)	US\$ 129,336

FIG. 20

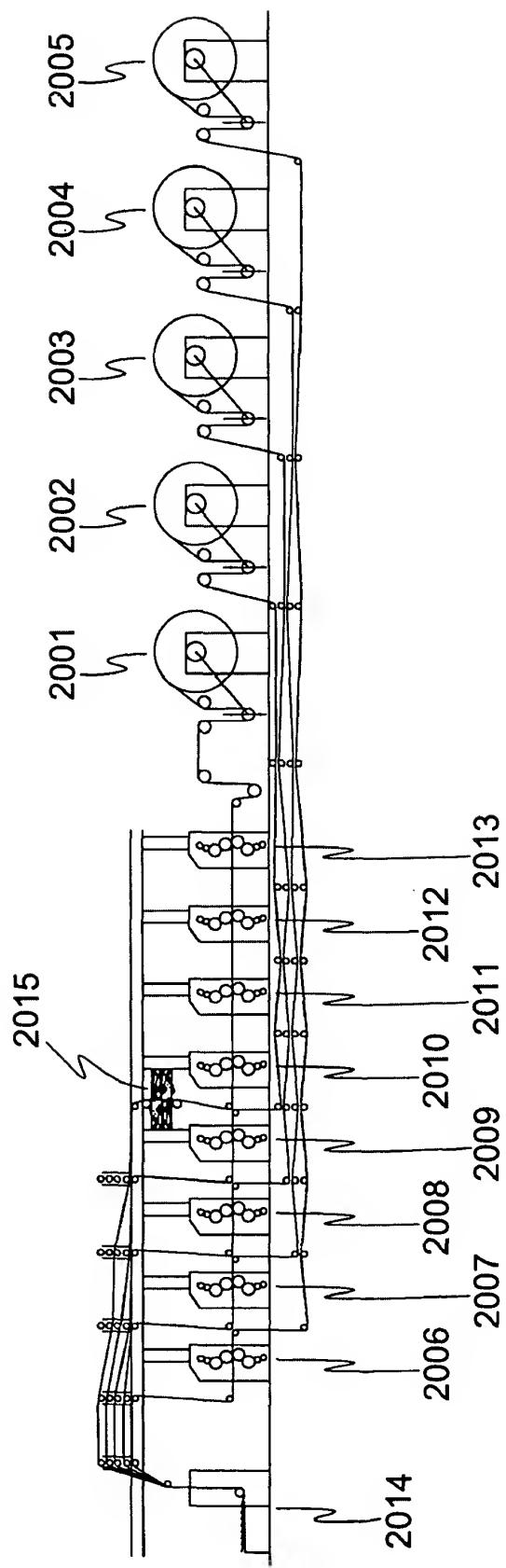


FIG. 21

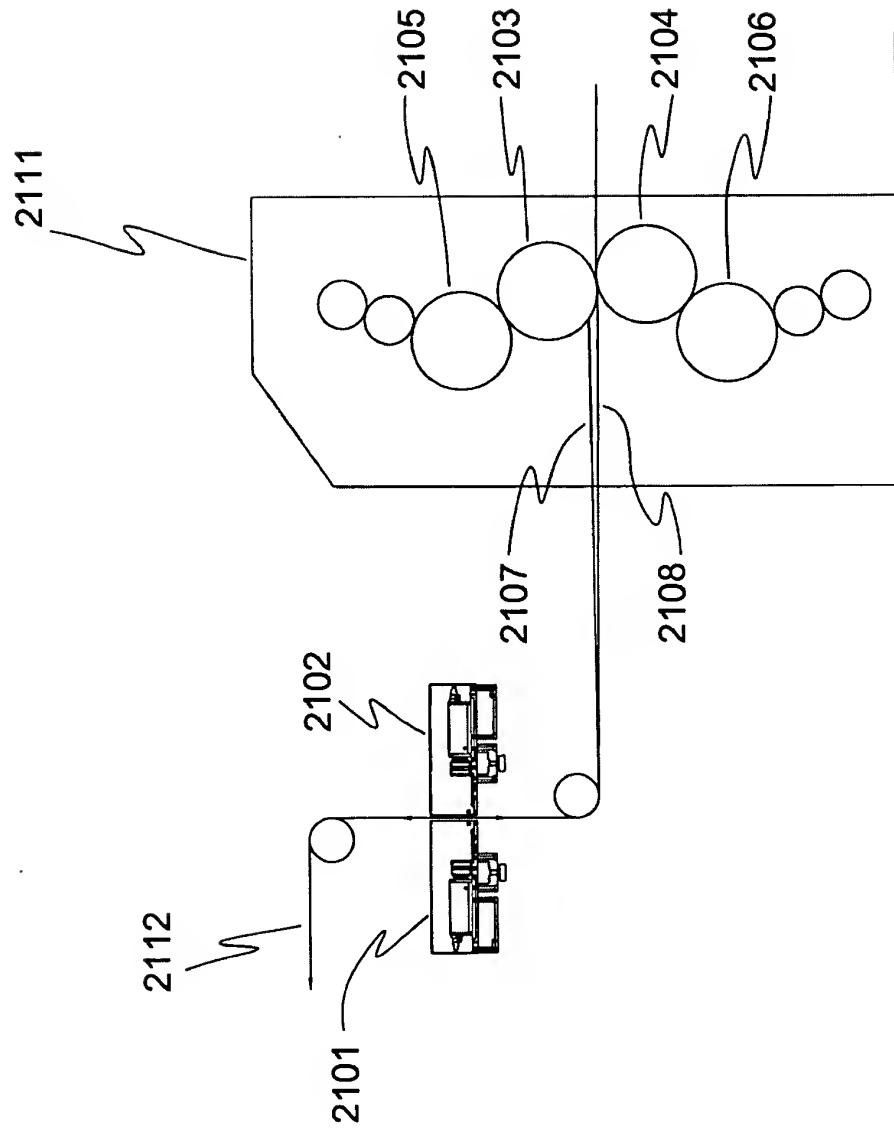


FIG. 22

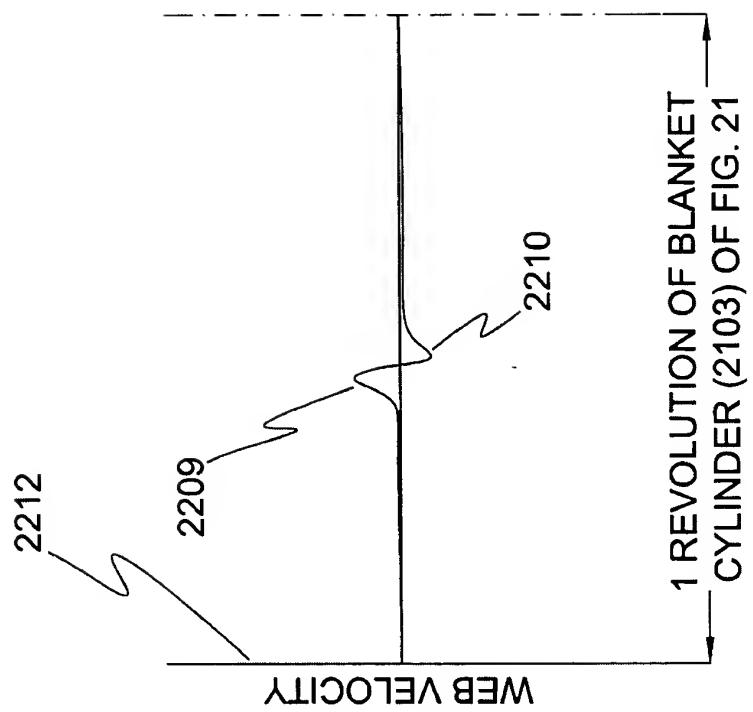


FIG. 23

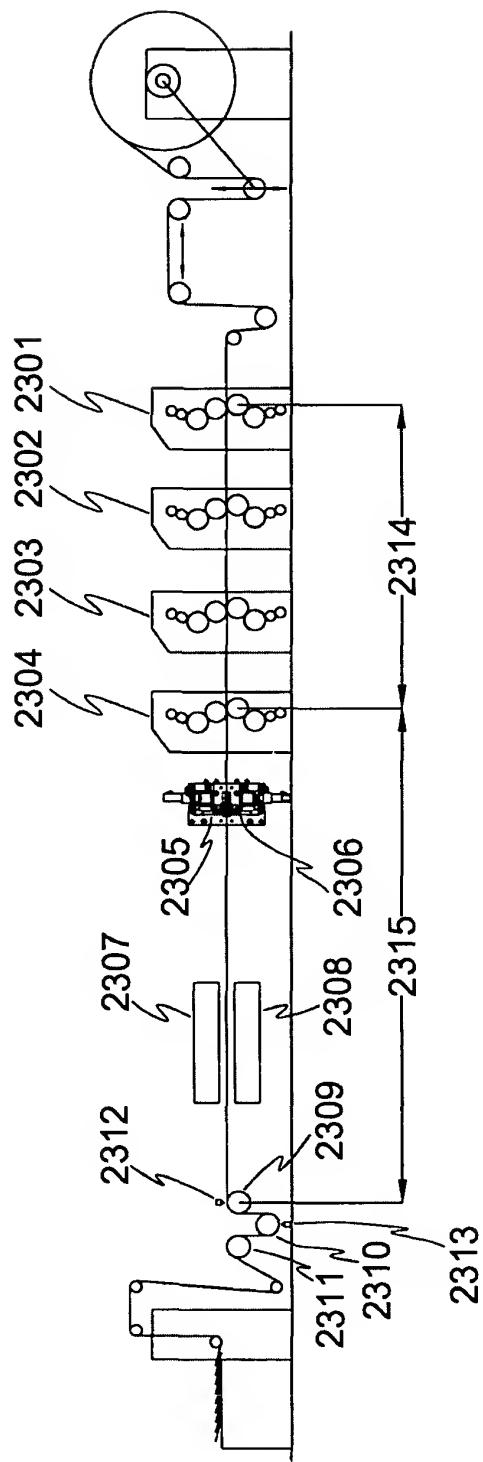


FIG. 24

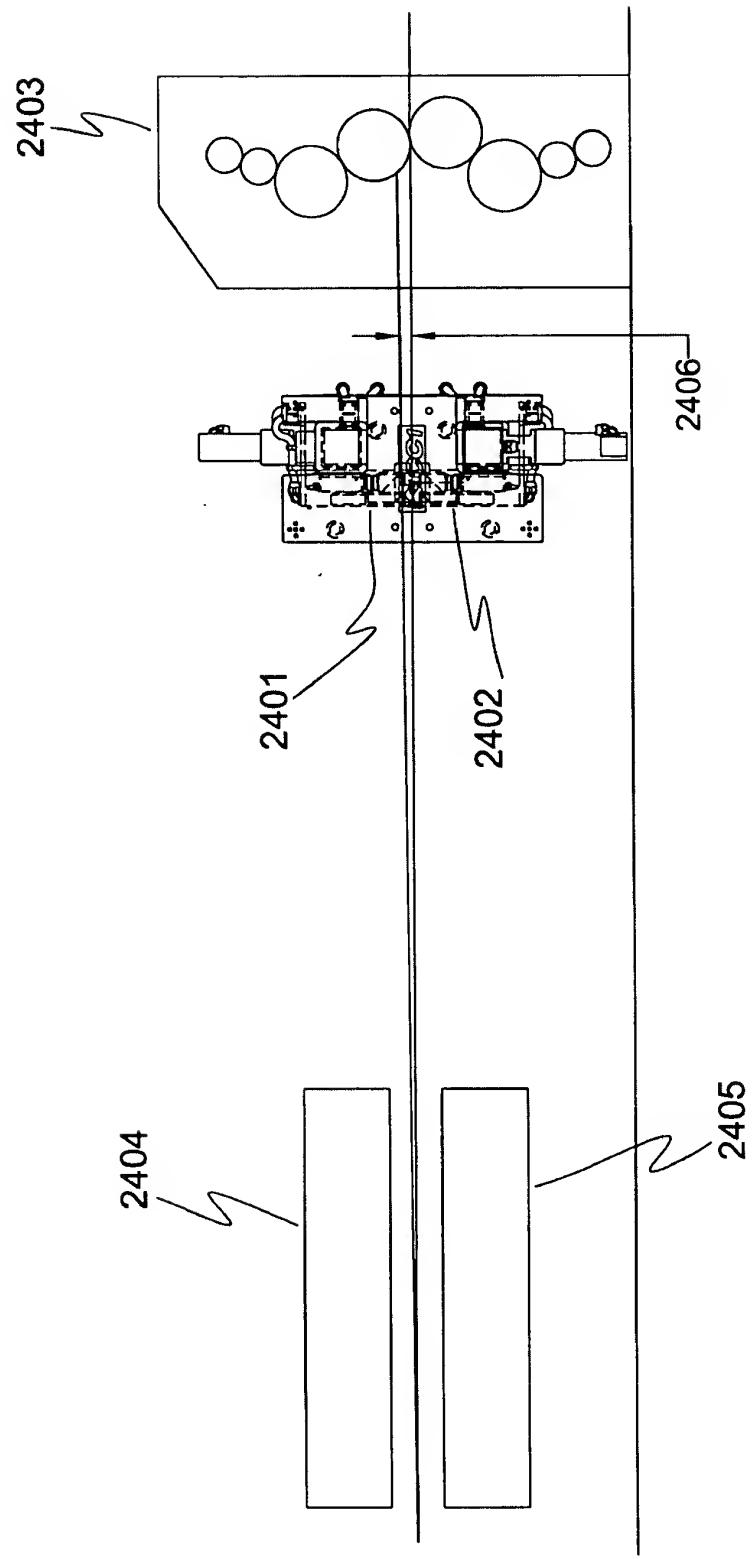


FIG. 25

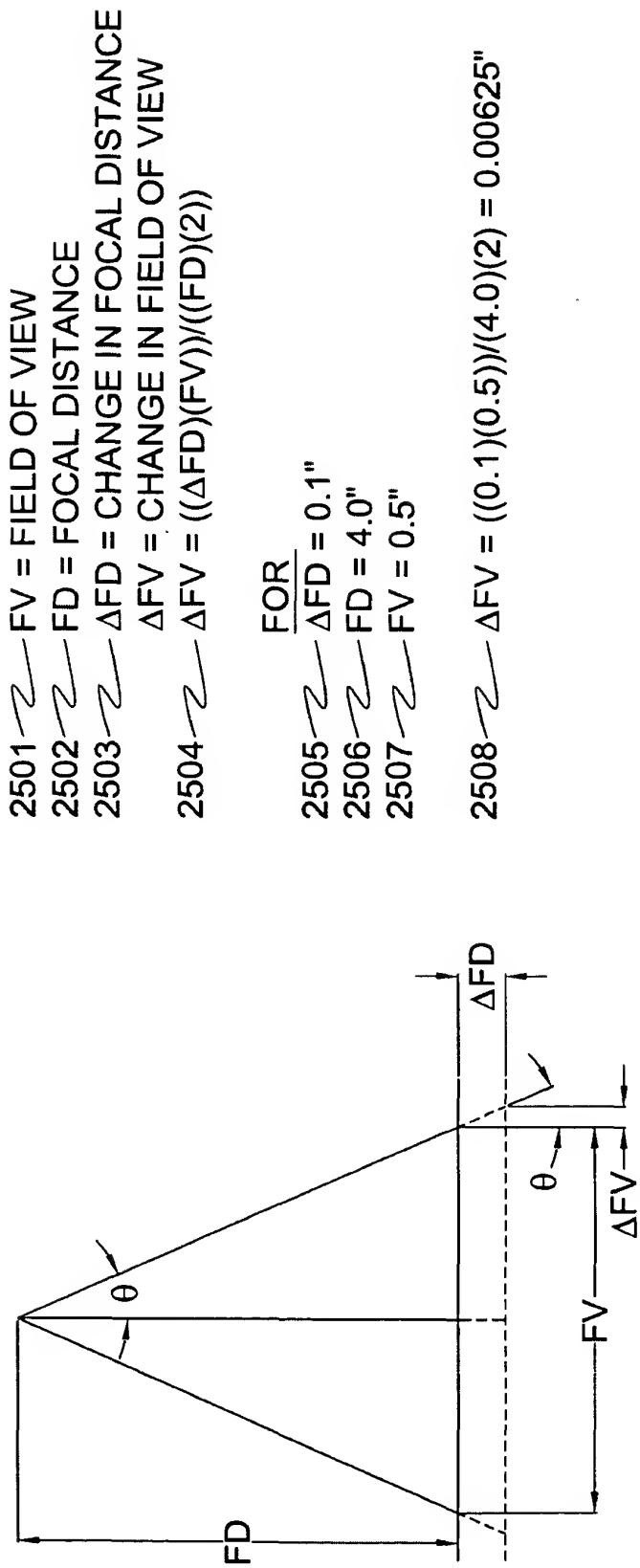


FIG. 26

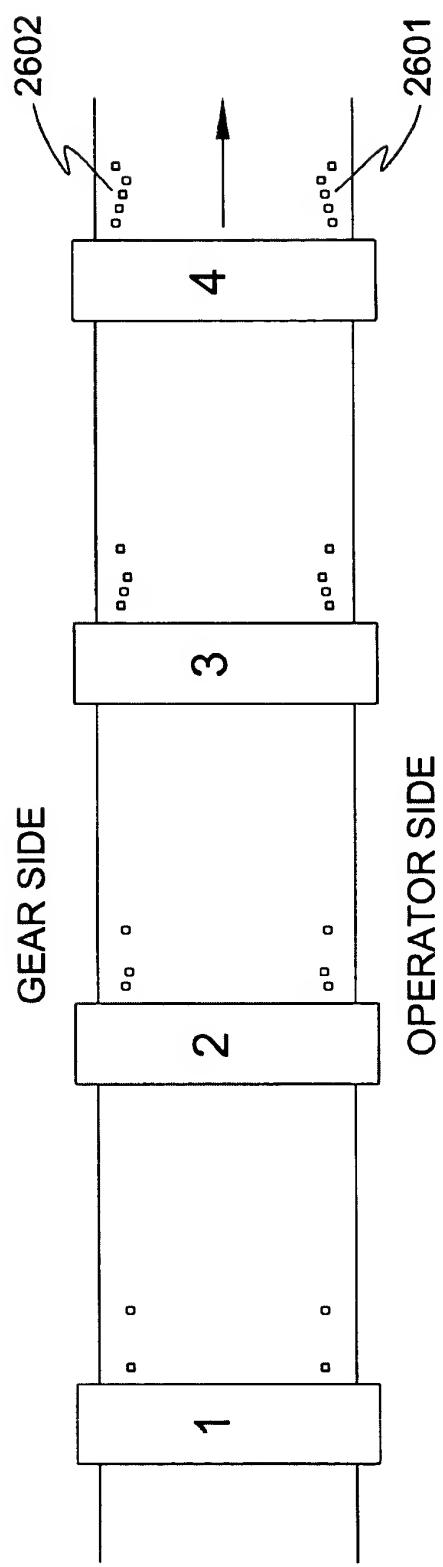


FIG. 27

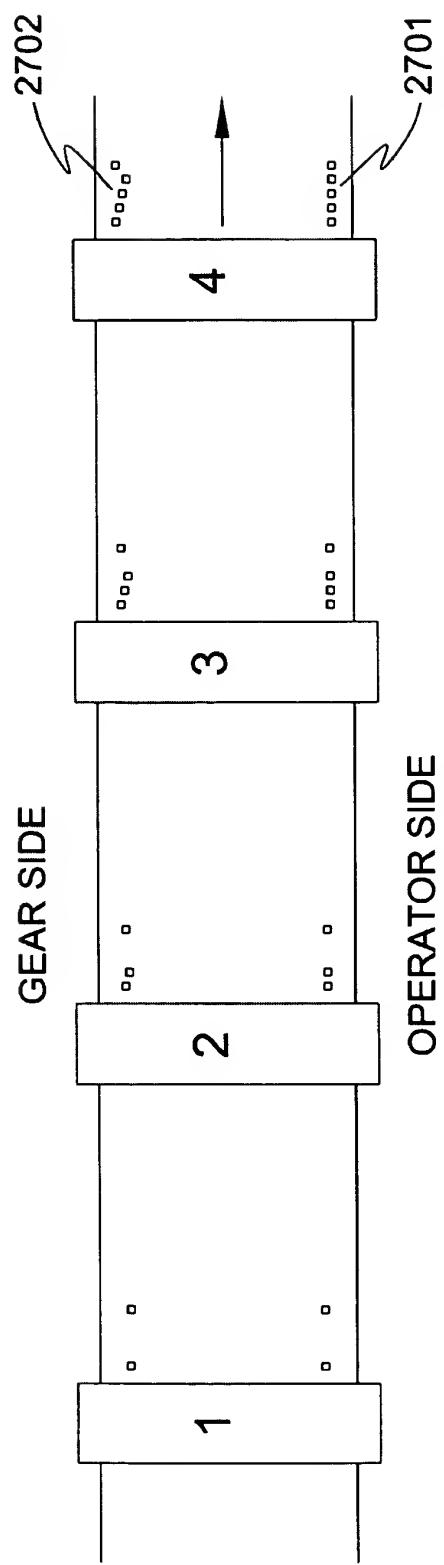


FIG. 28

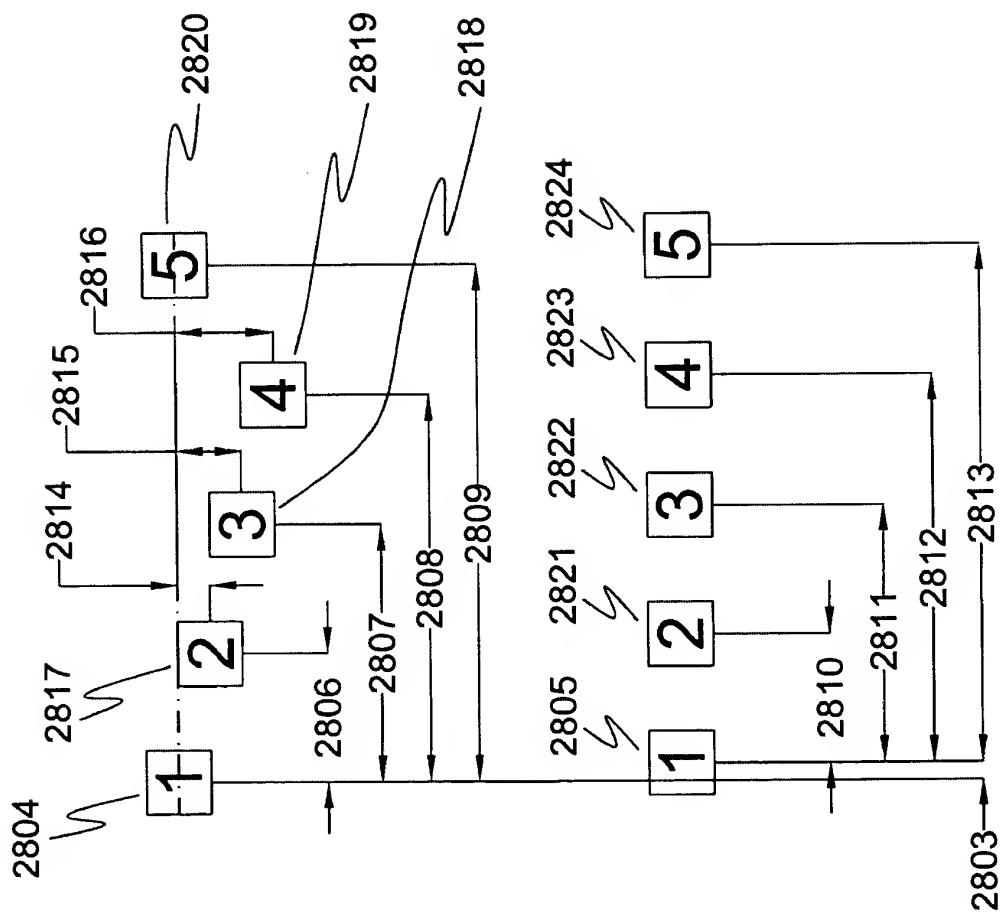


FIG. 29

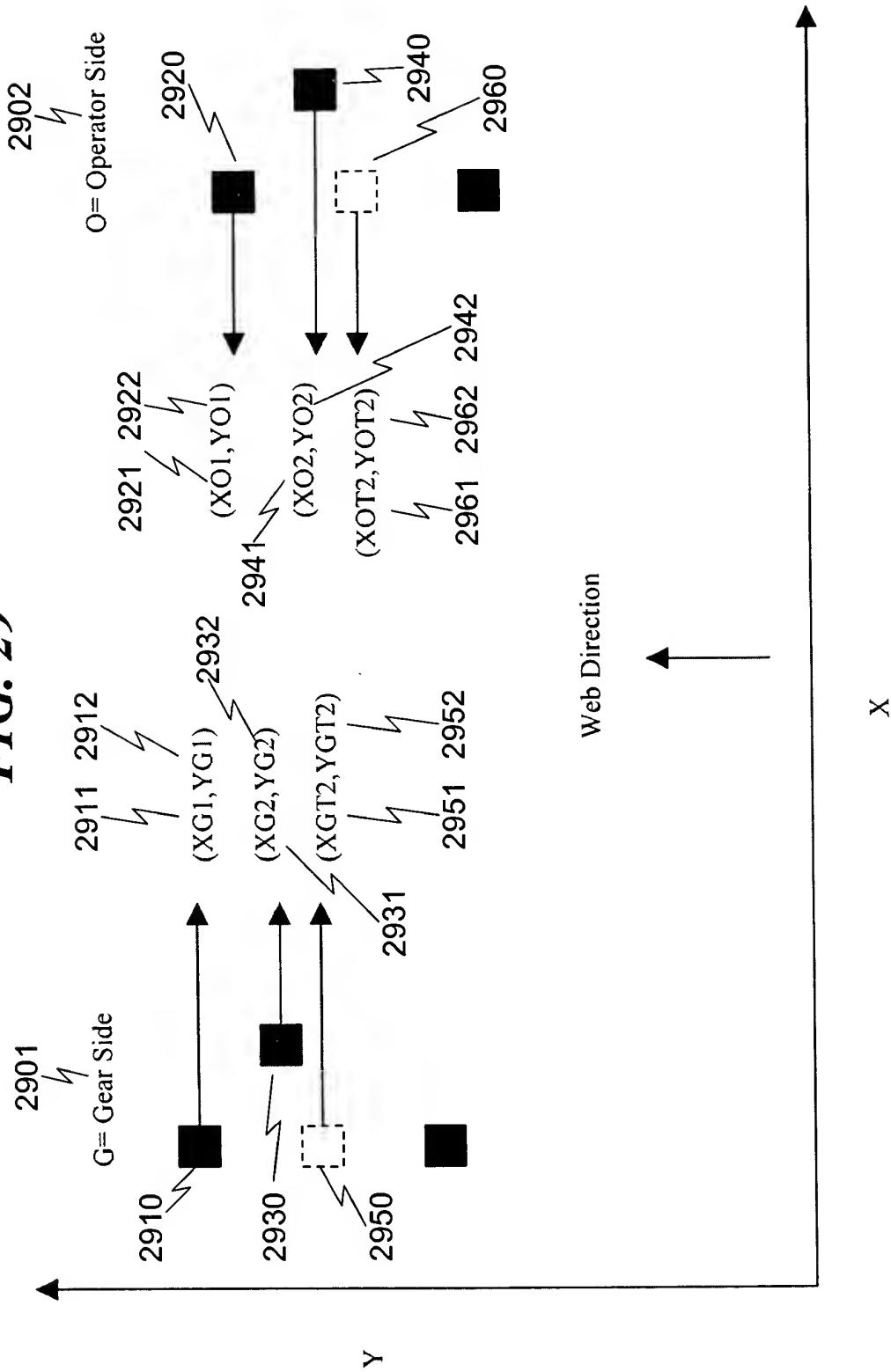


FIG. 30

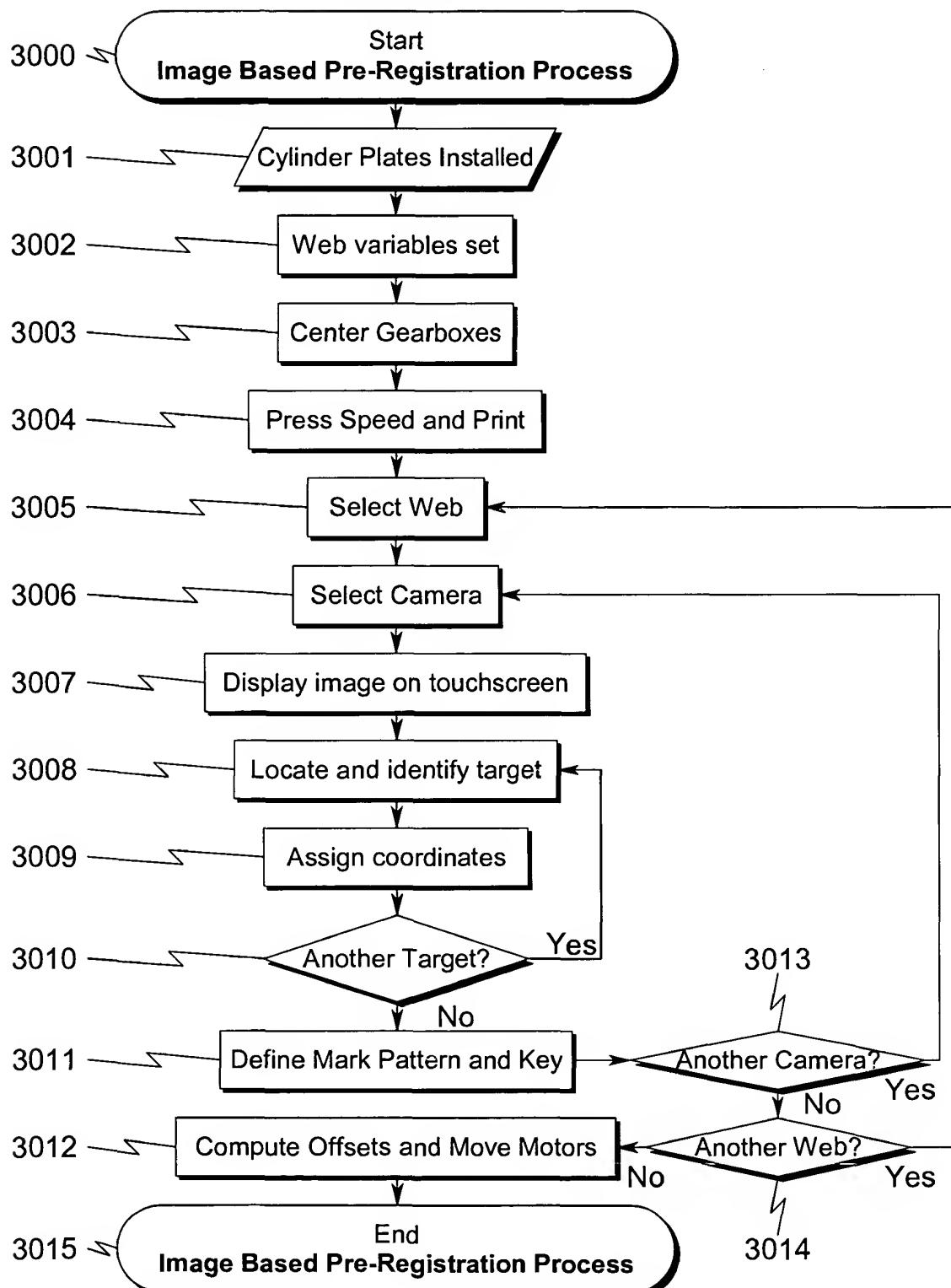


FIG. 31

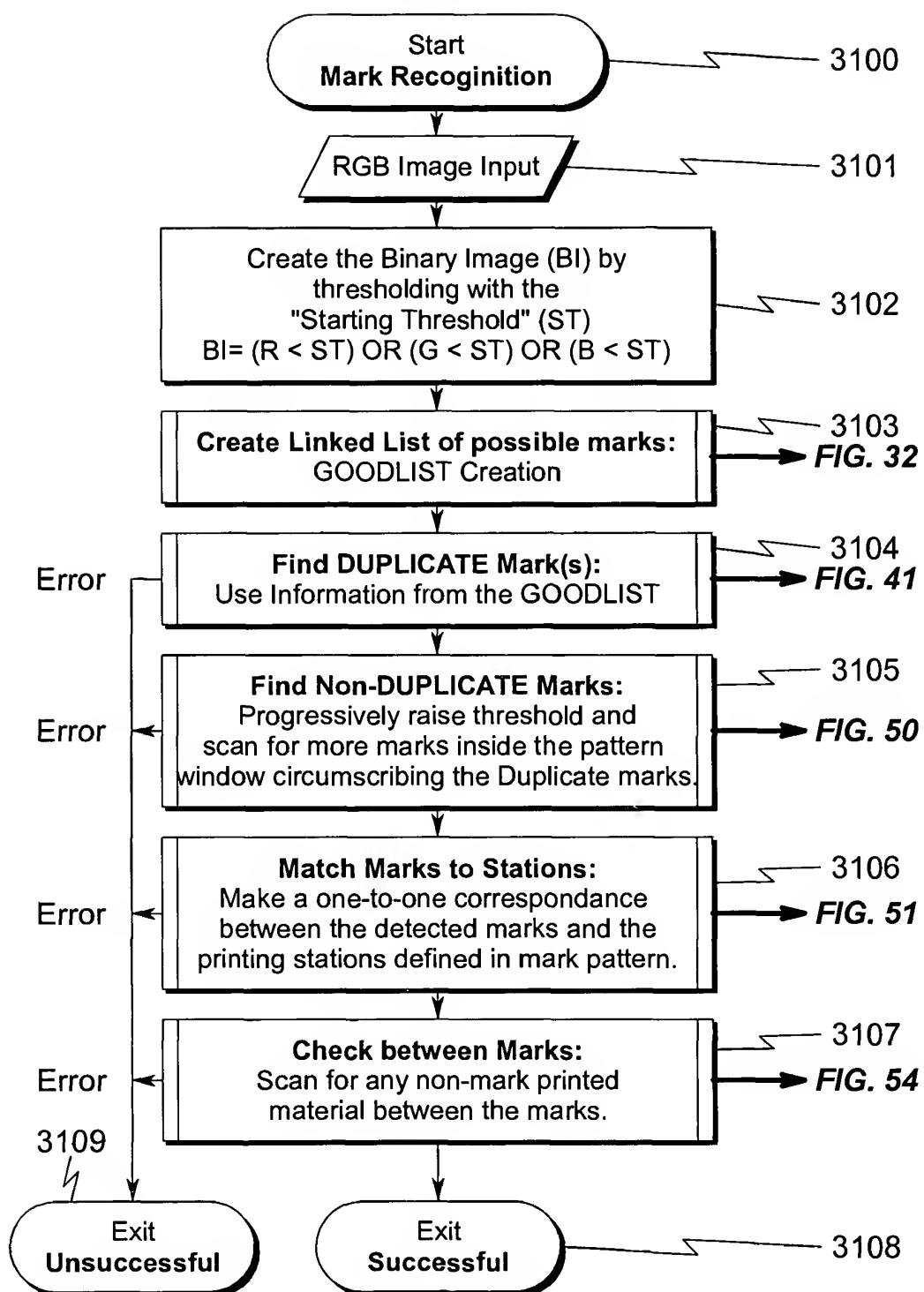


FIG. 32

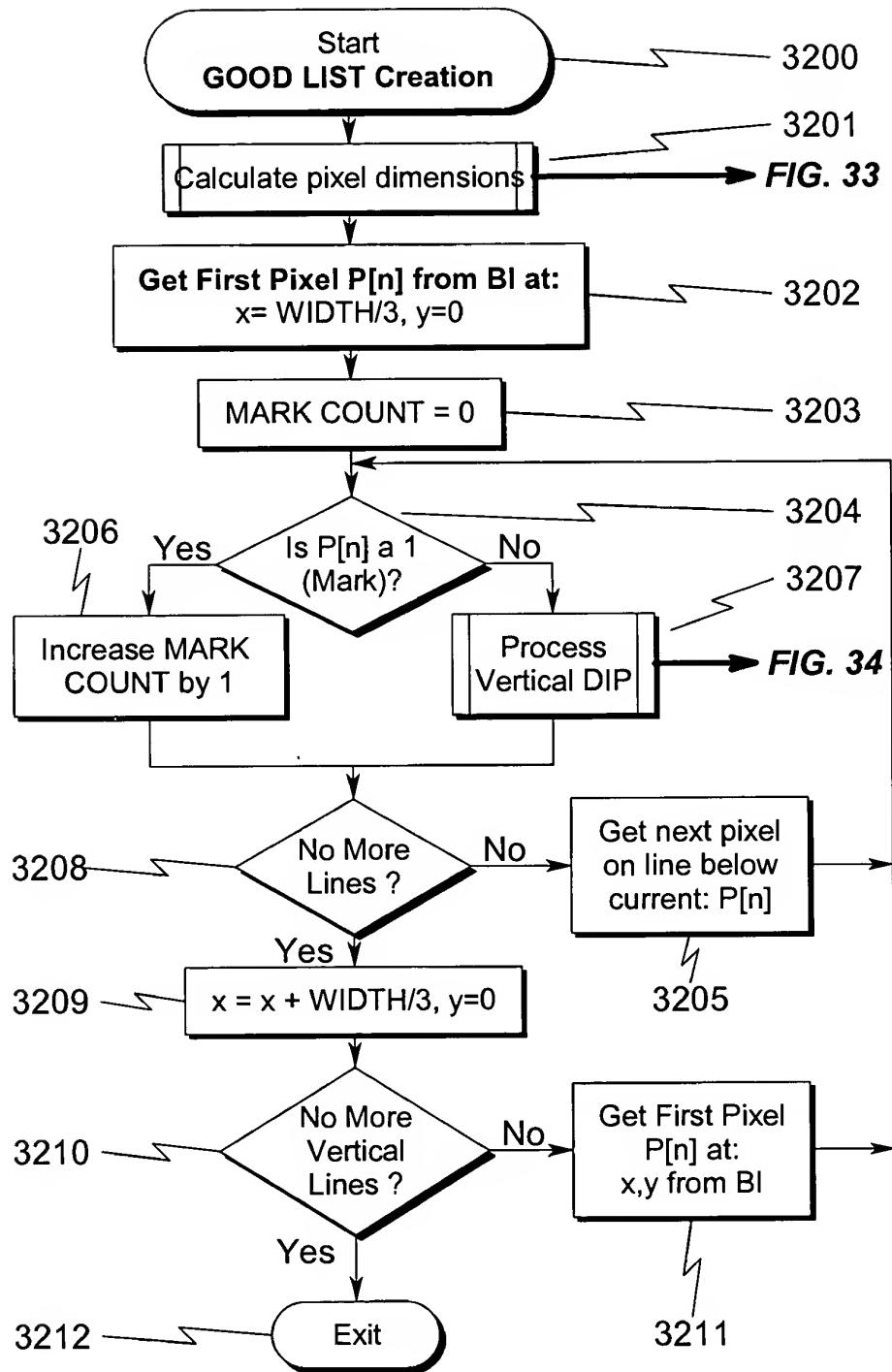


FIG. 33

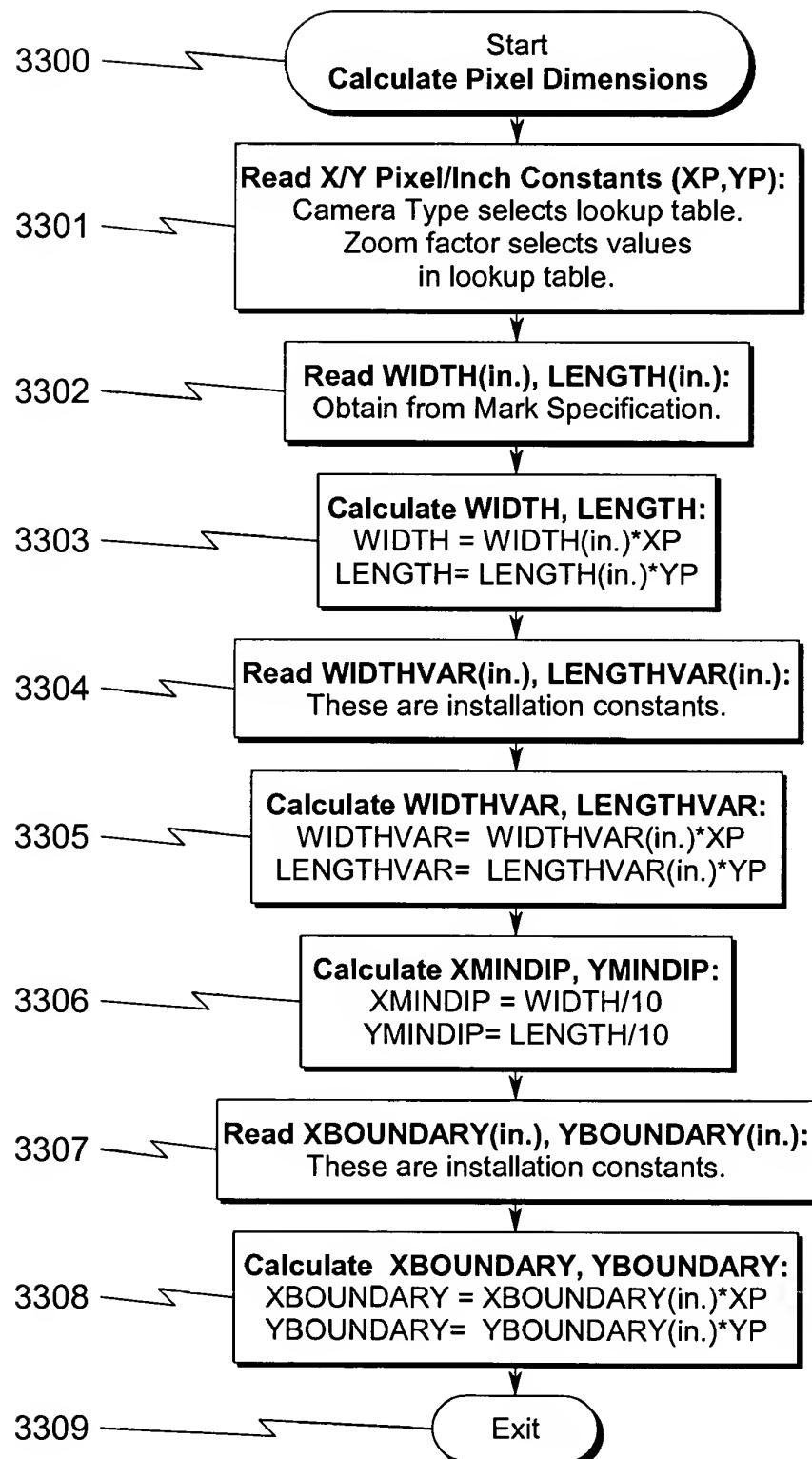


FIG. 34

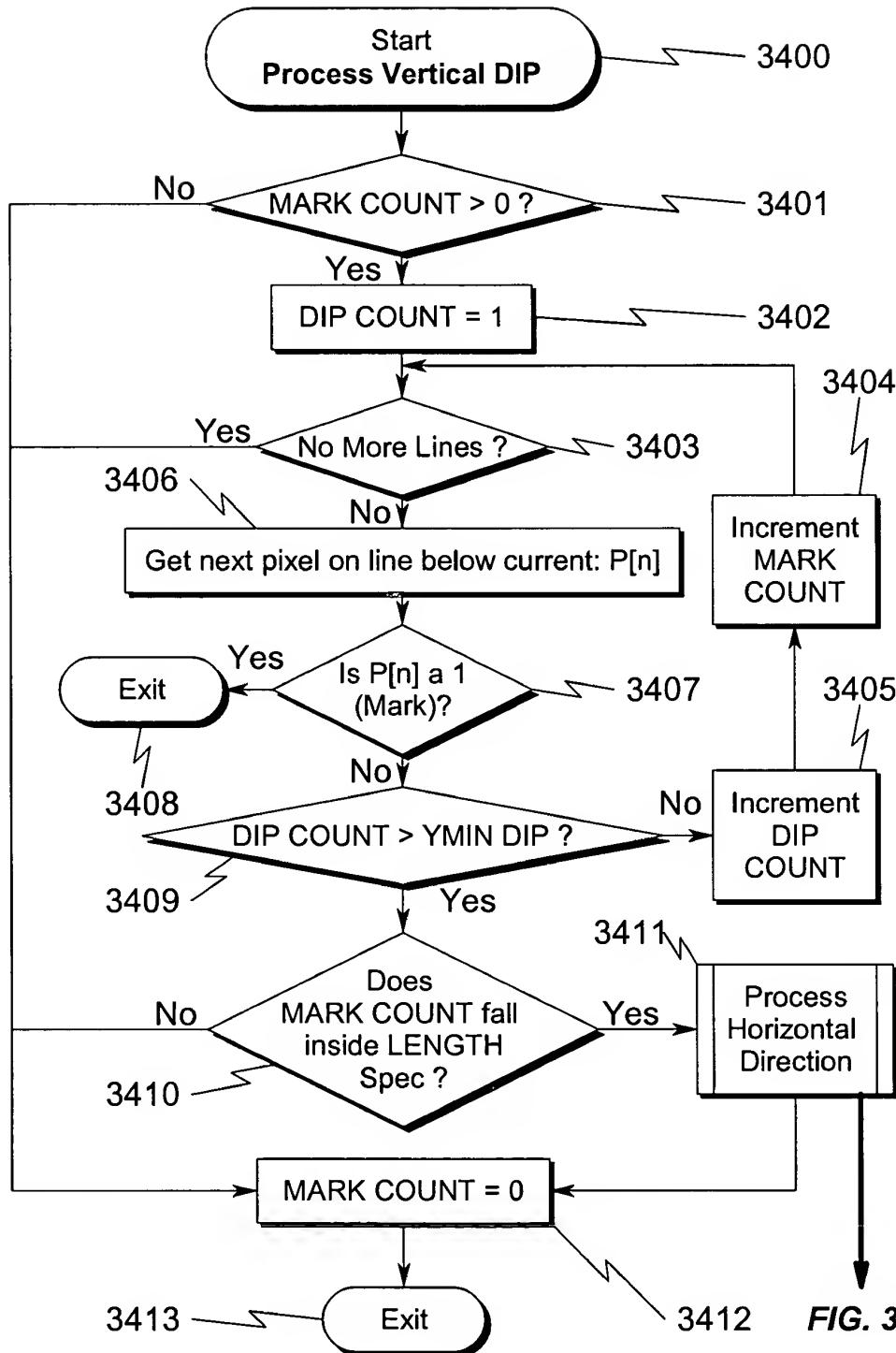


FIG. 35

FIG. 35

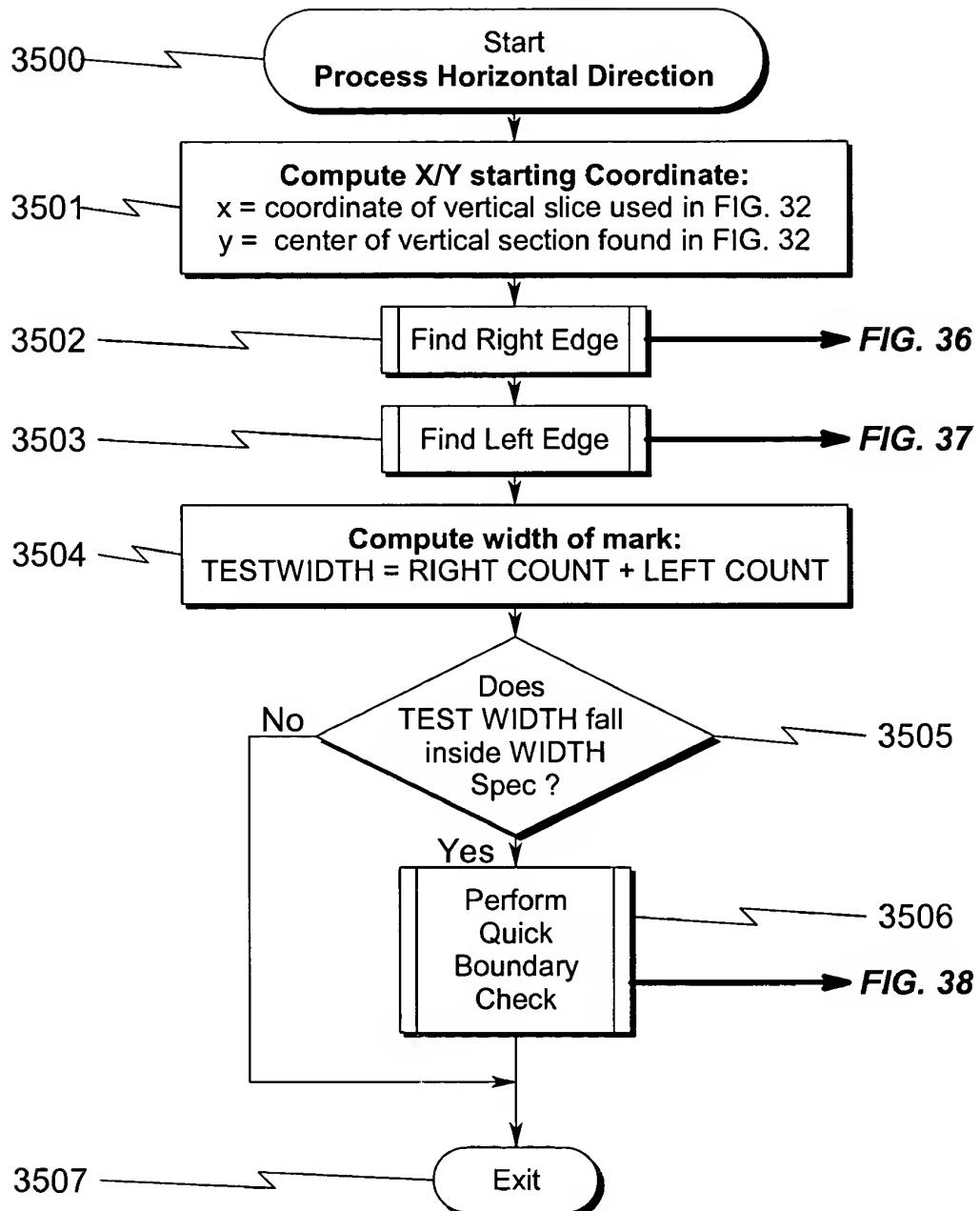


FIG. 36

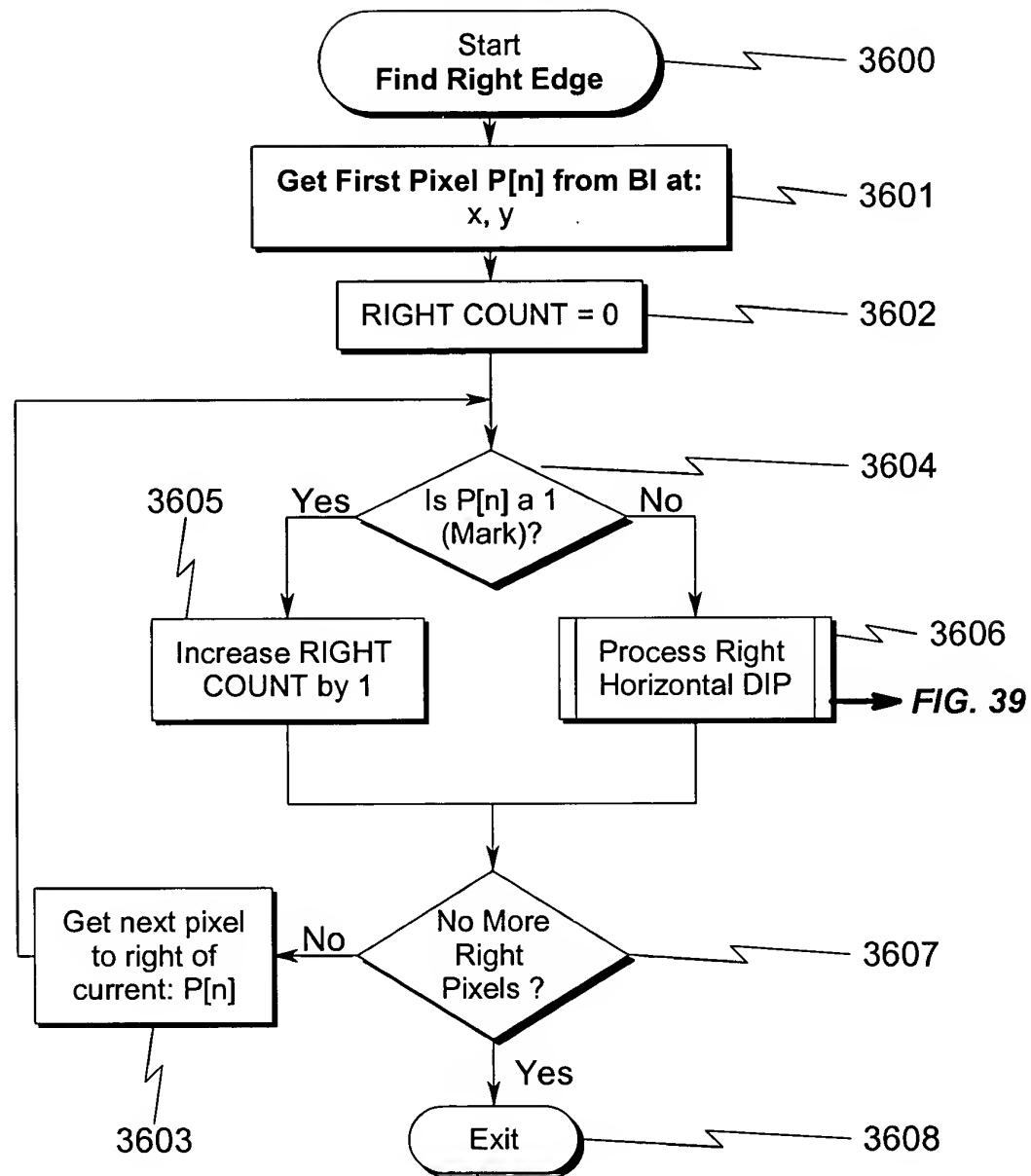


FIG. 37

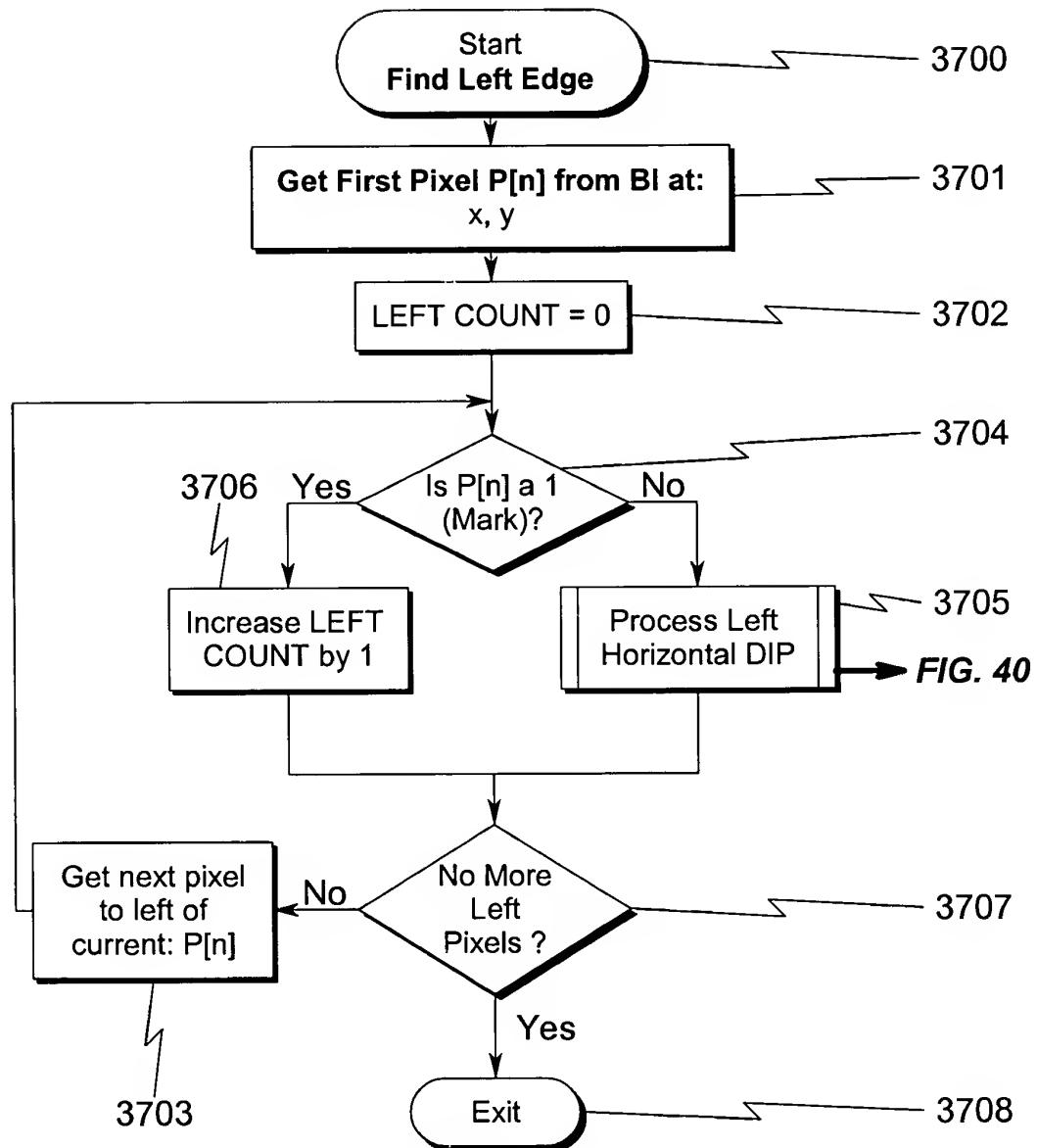


FIG. 38

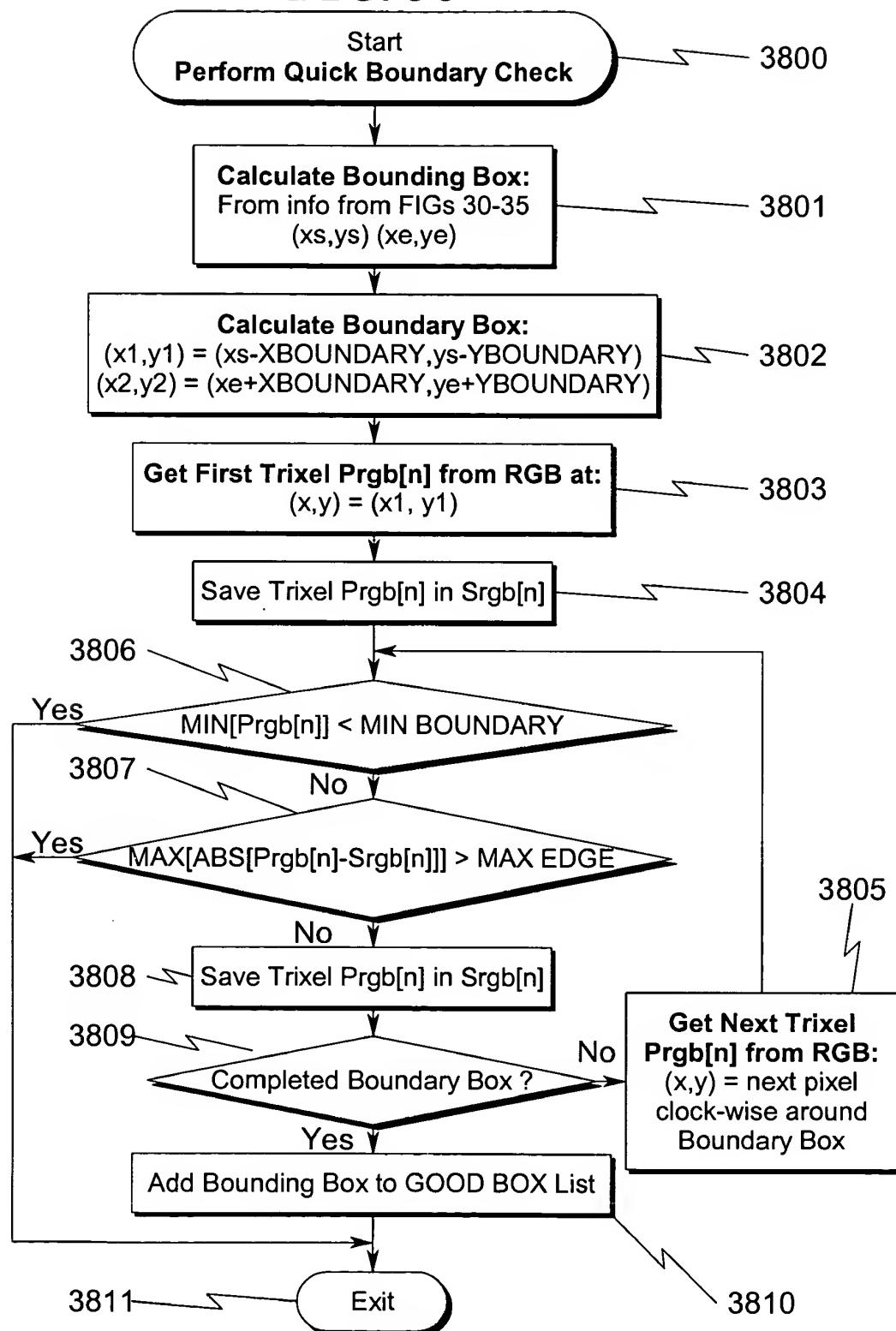


FIG. 39

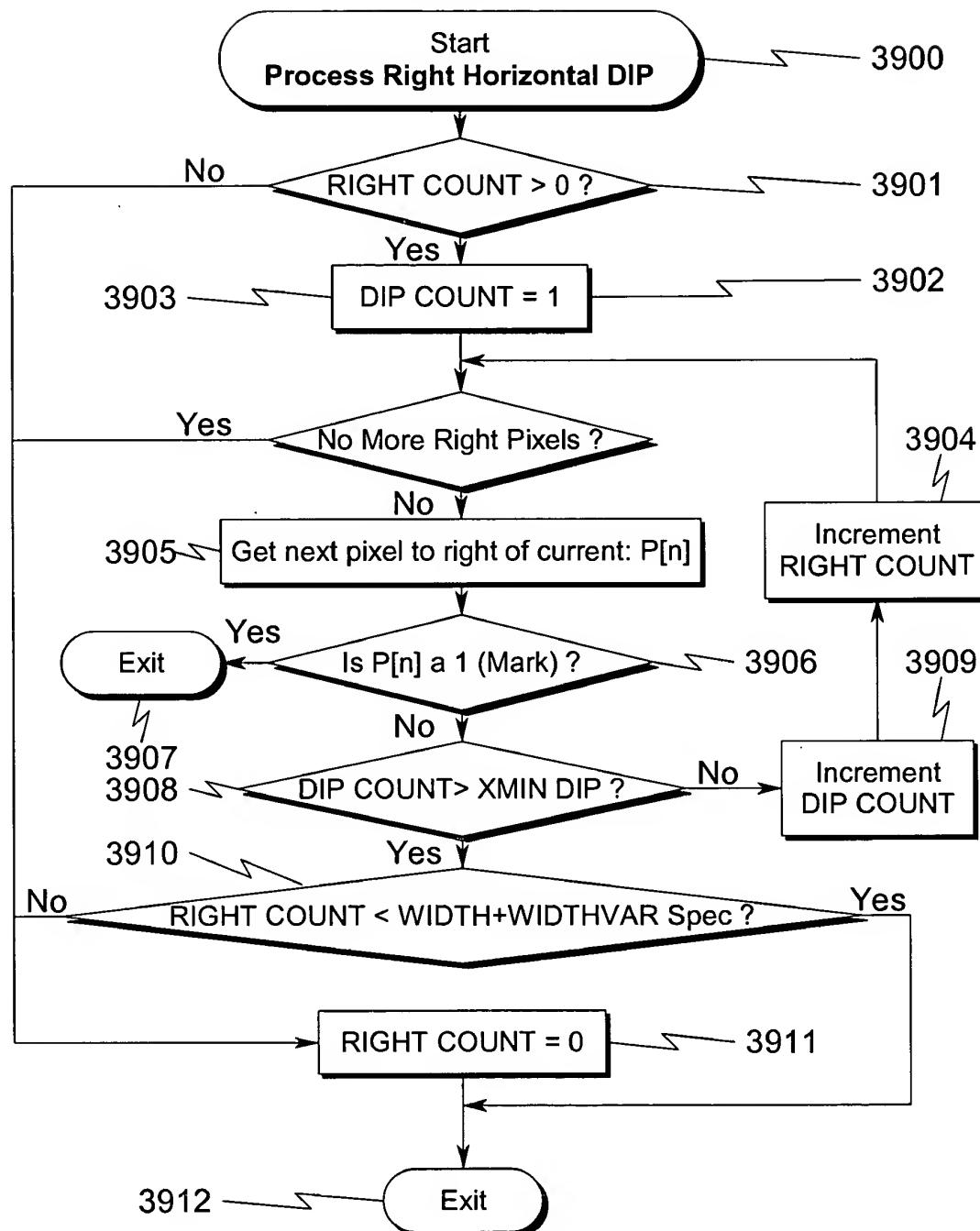


FIG. 40

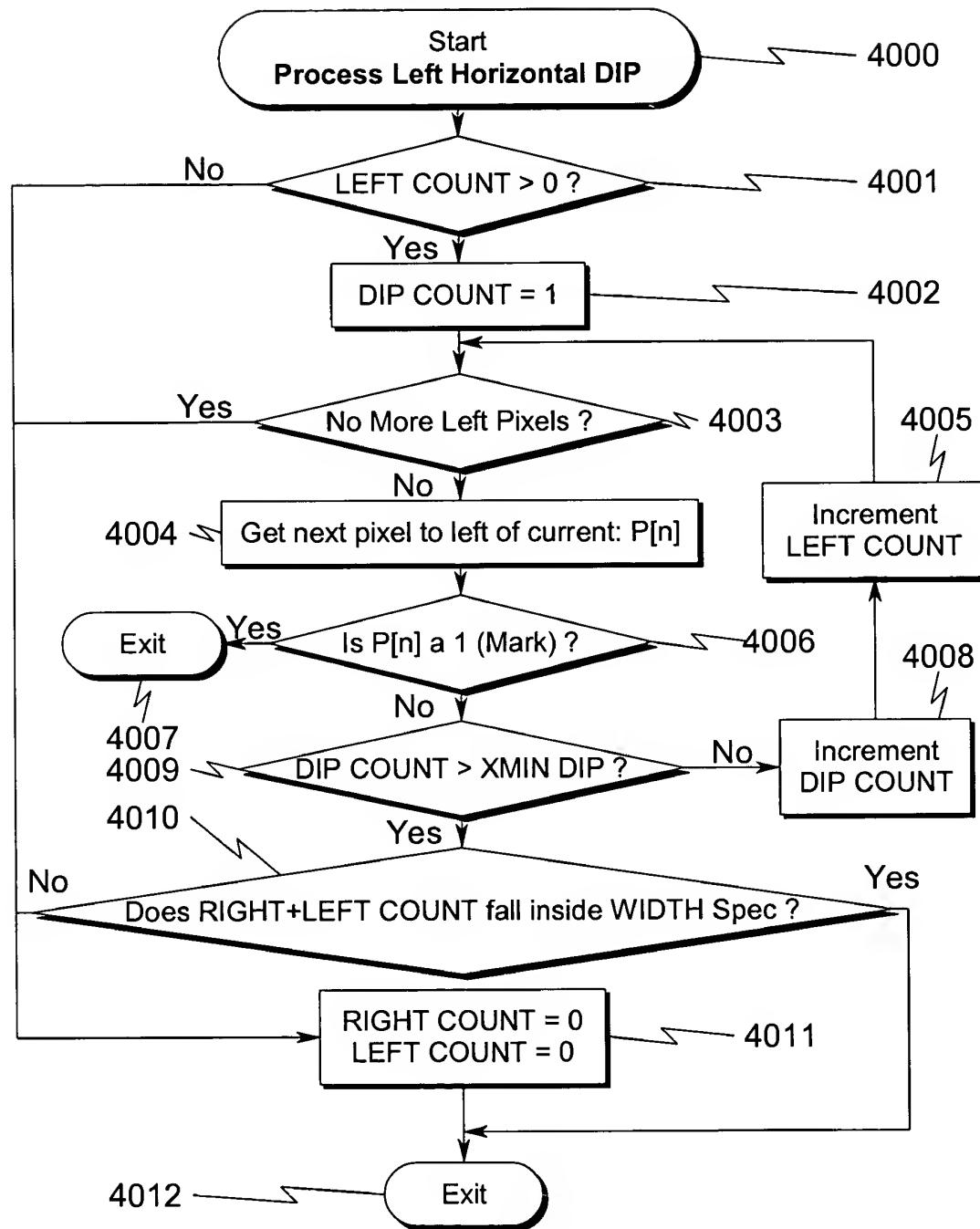


FIG. 41

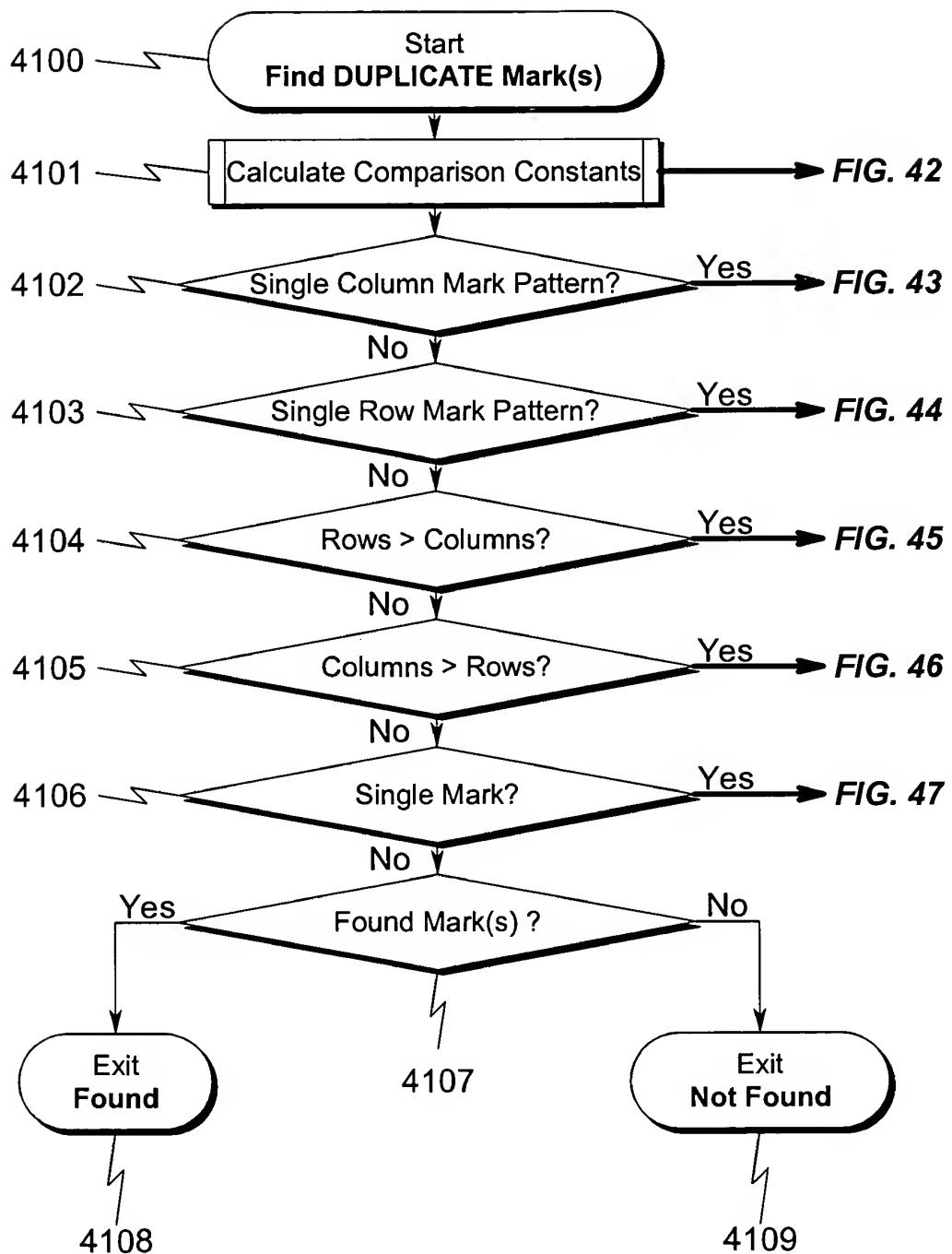


FIG. 42

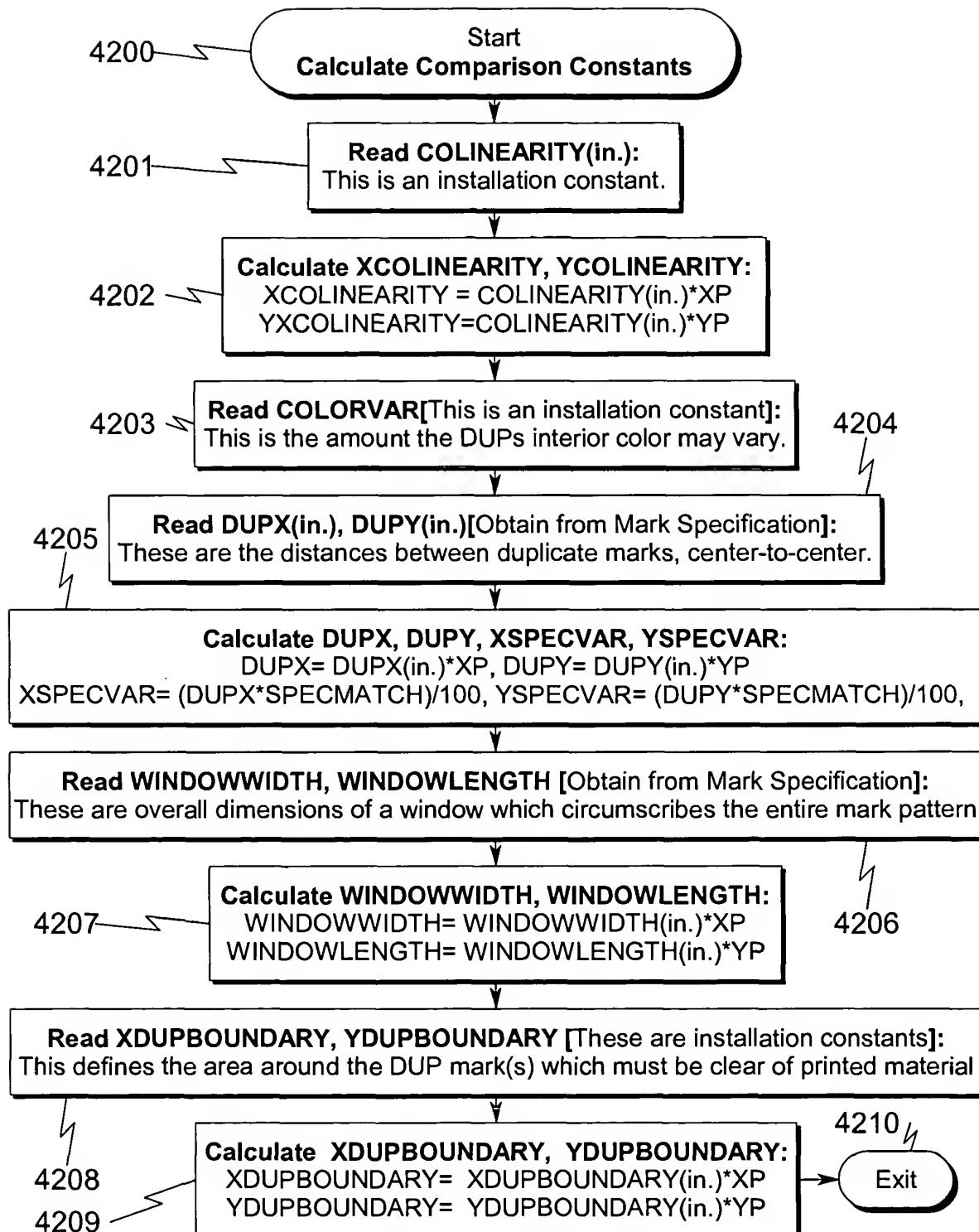


FIG. 43

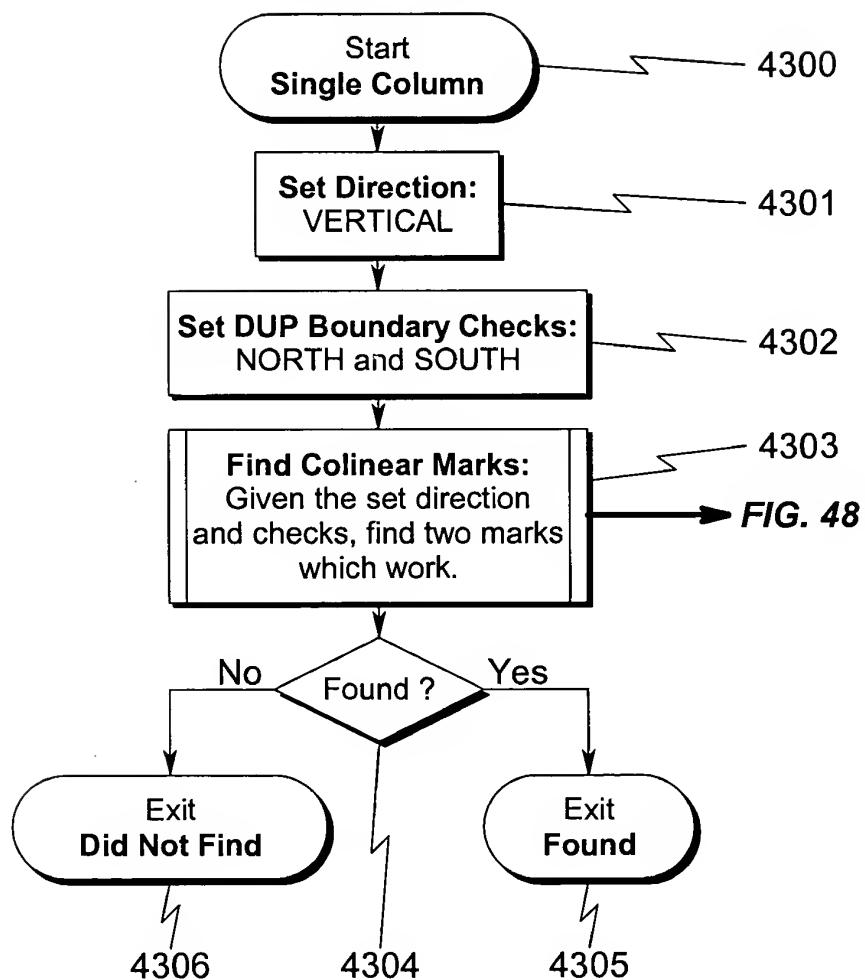


FIG. 44

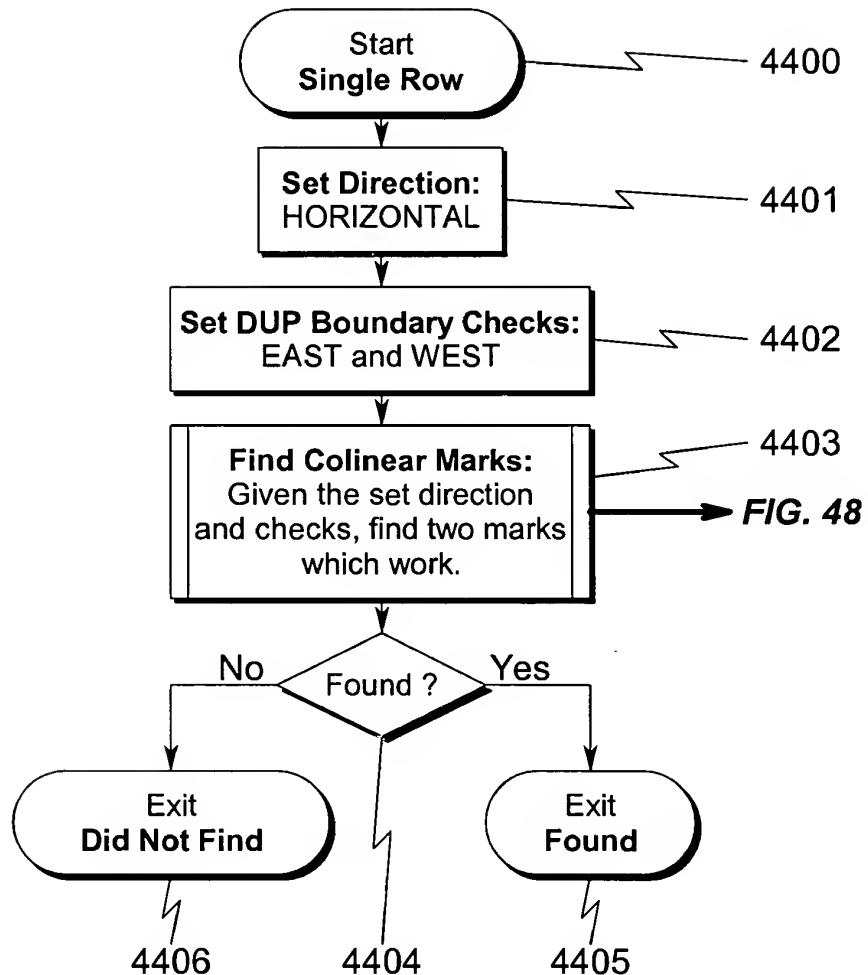


FIG. 45

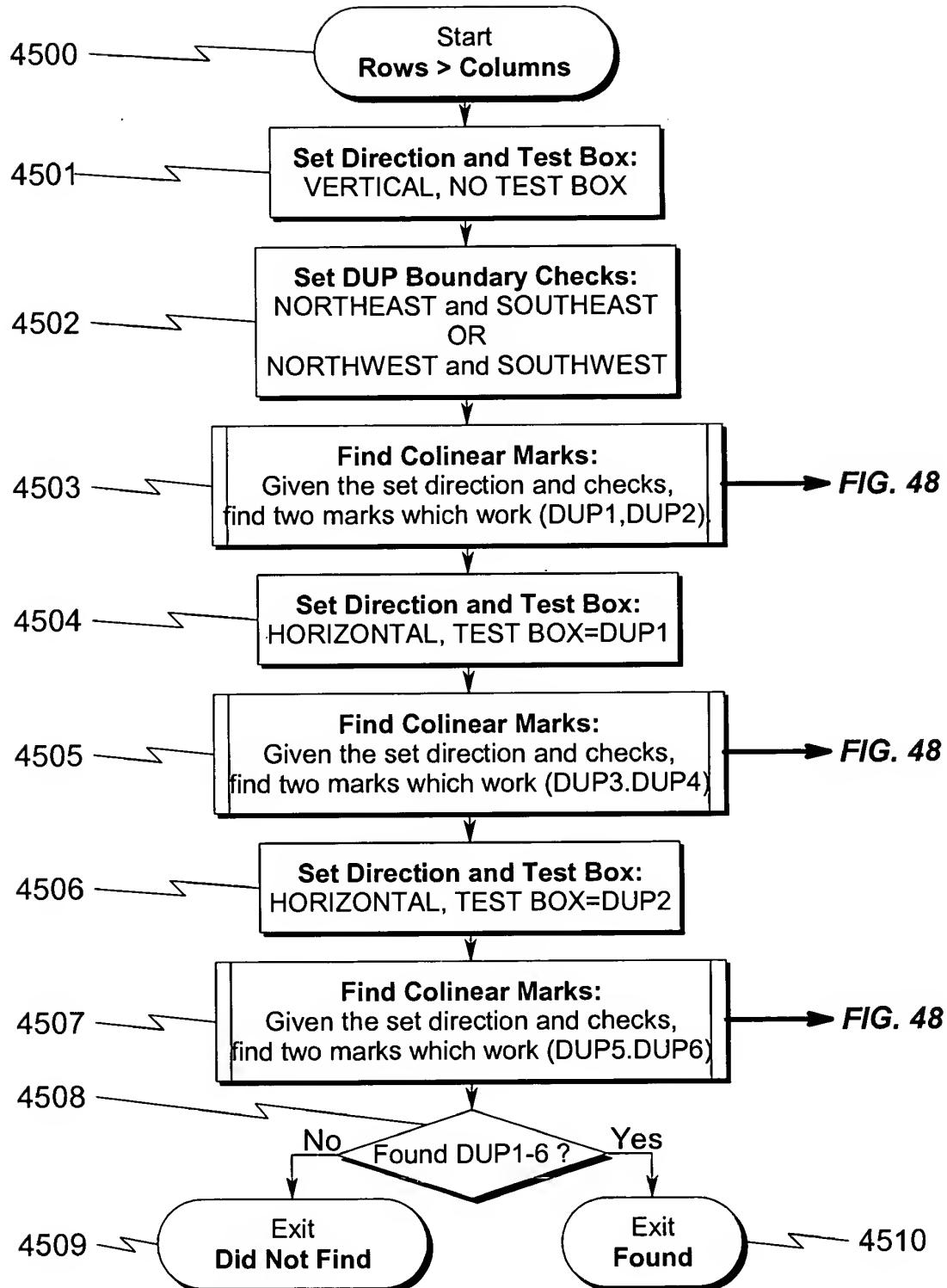


FIG. 46

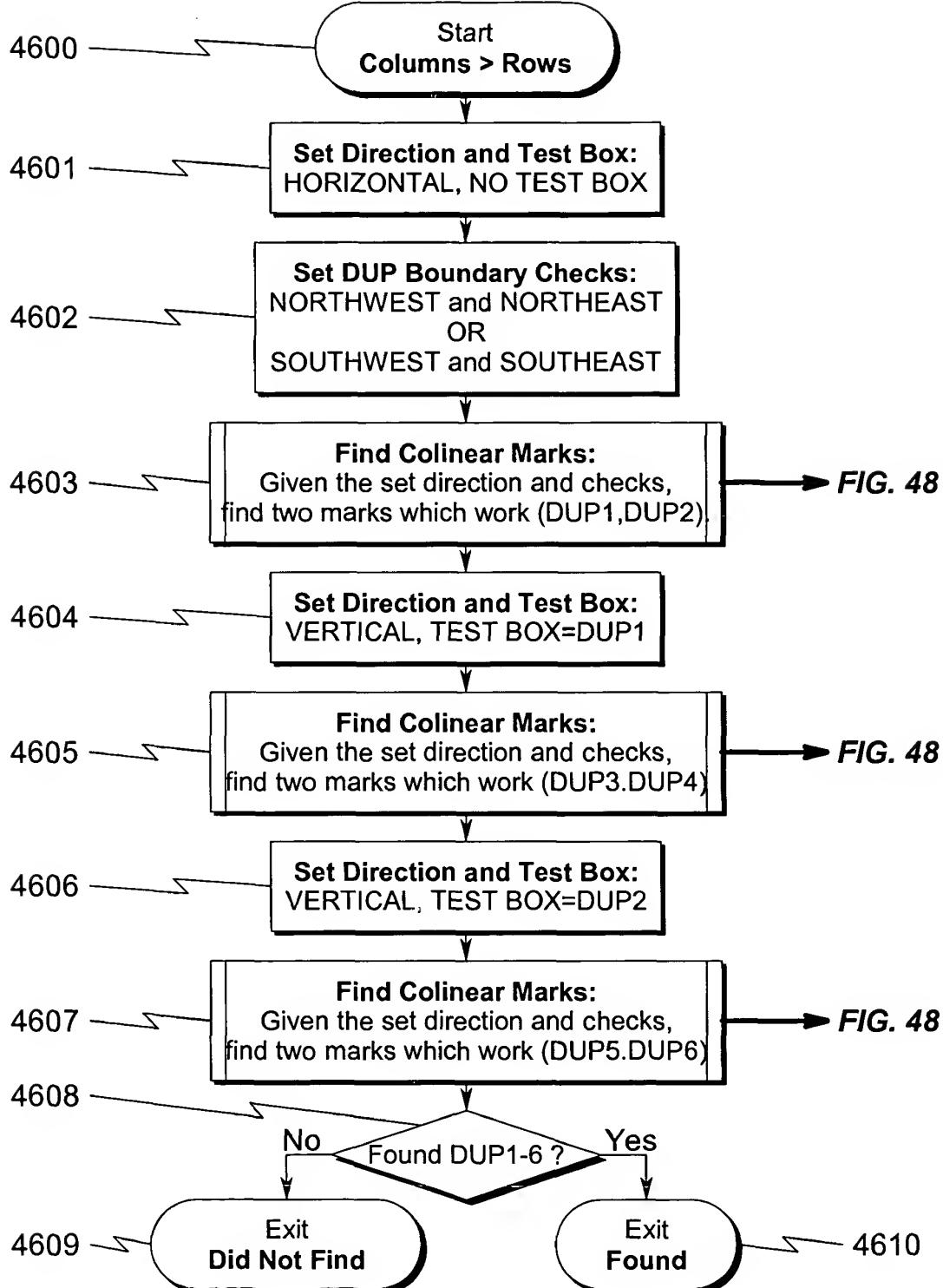


FIG. 47

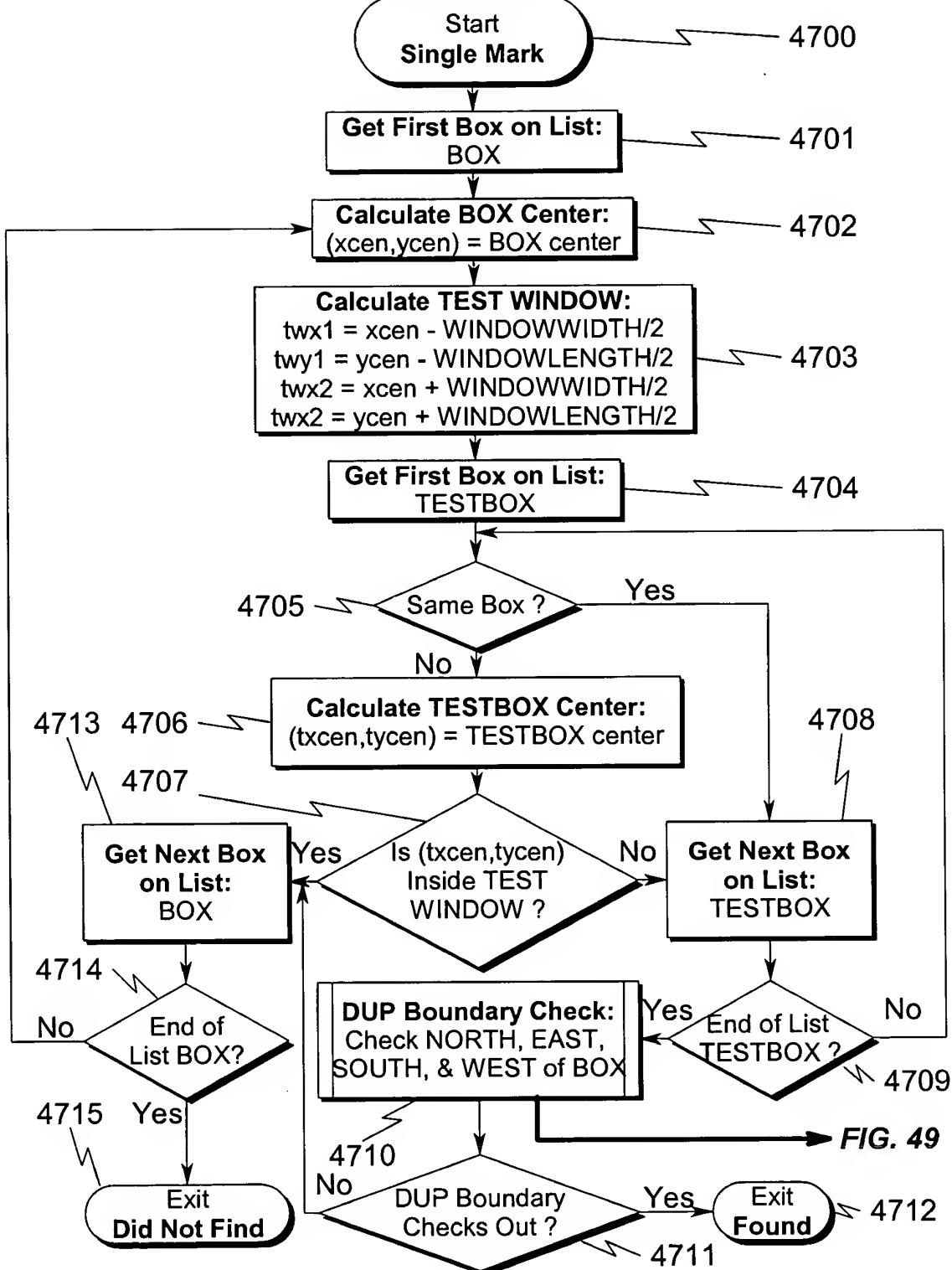


FIG. 49

FIG. 48

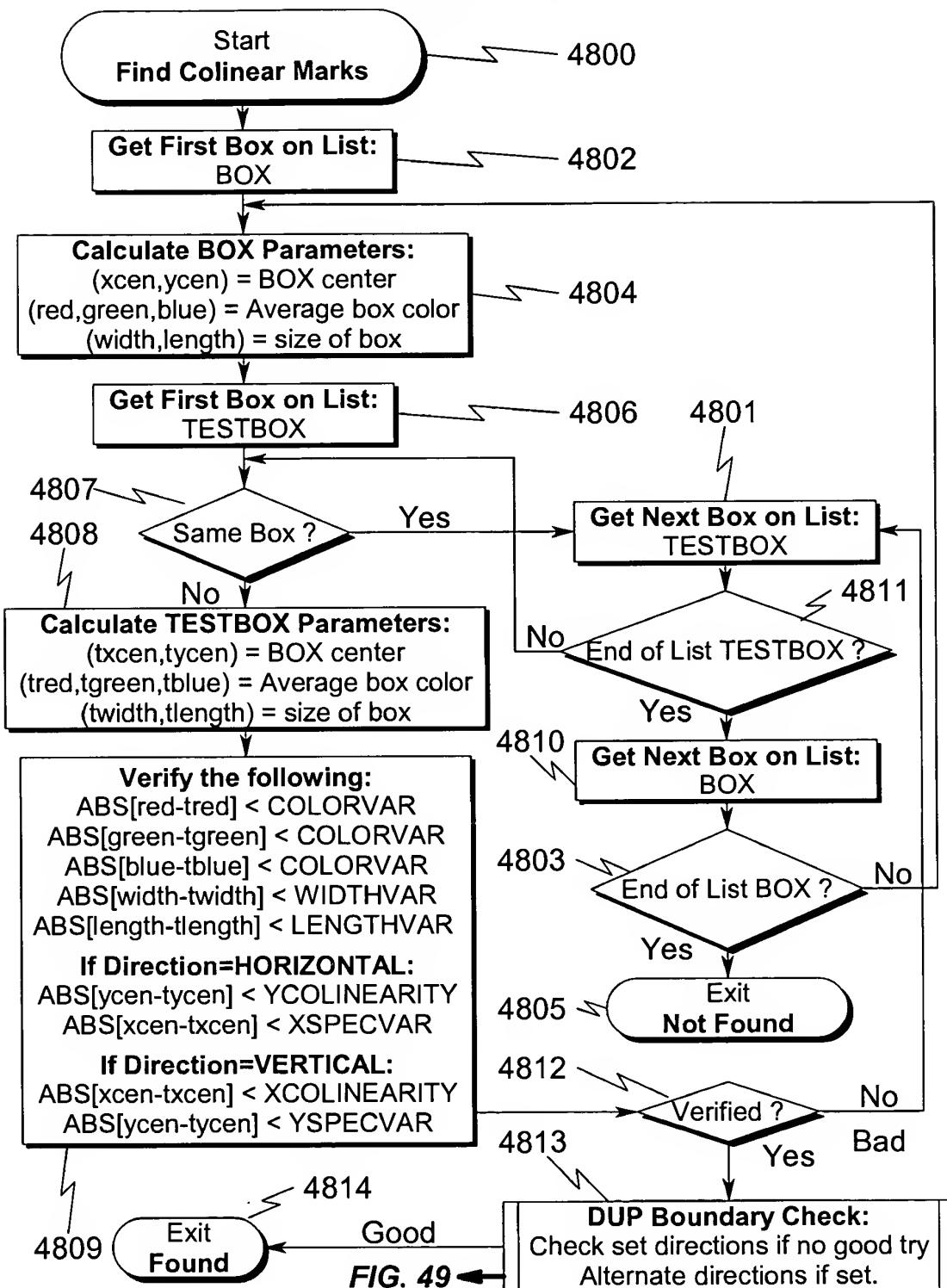


FIG. 49

FIG. 49

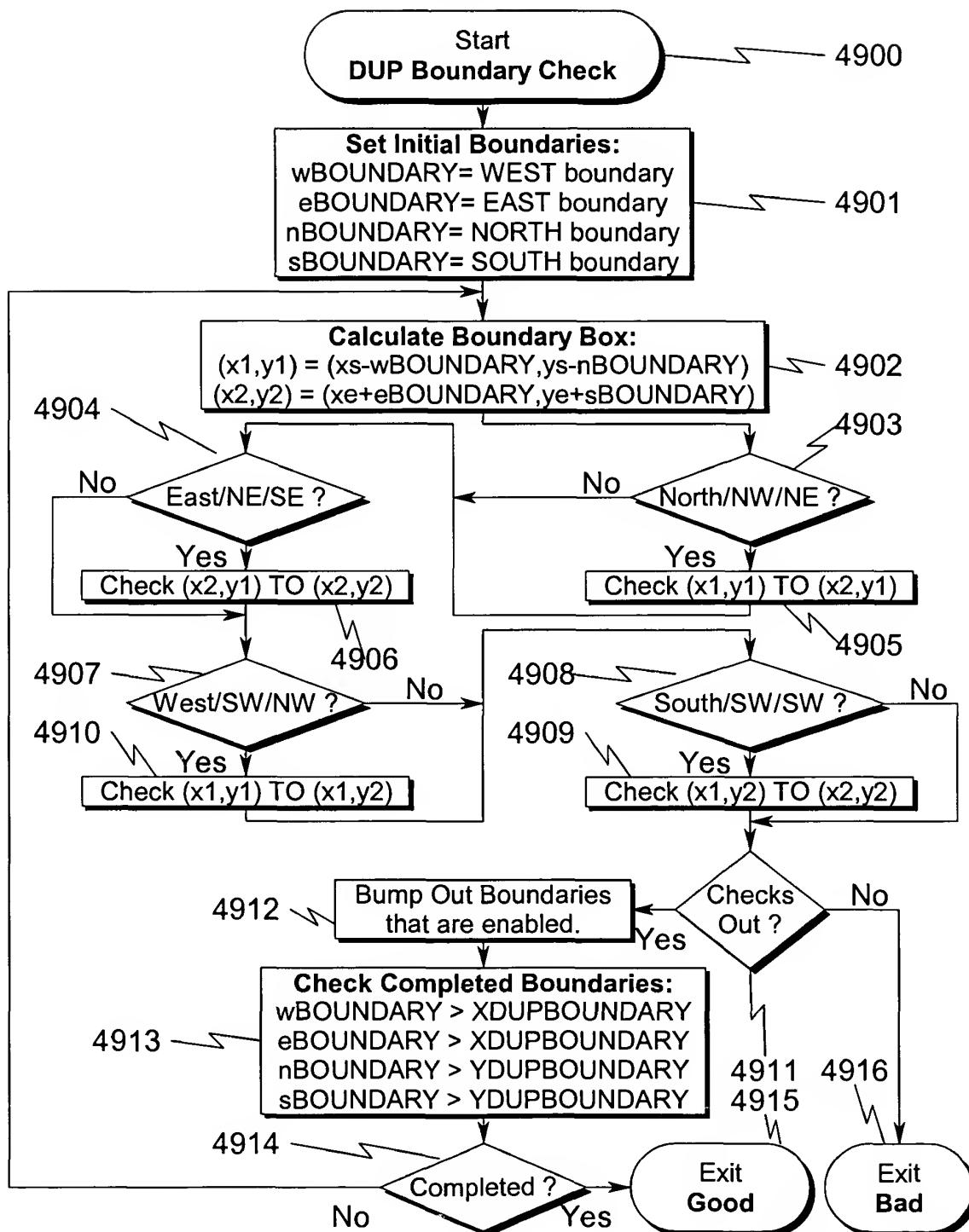


FIG. 50

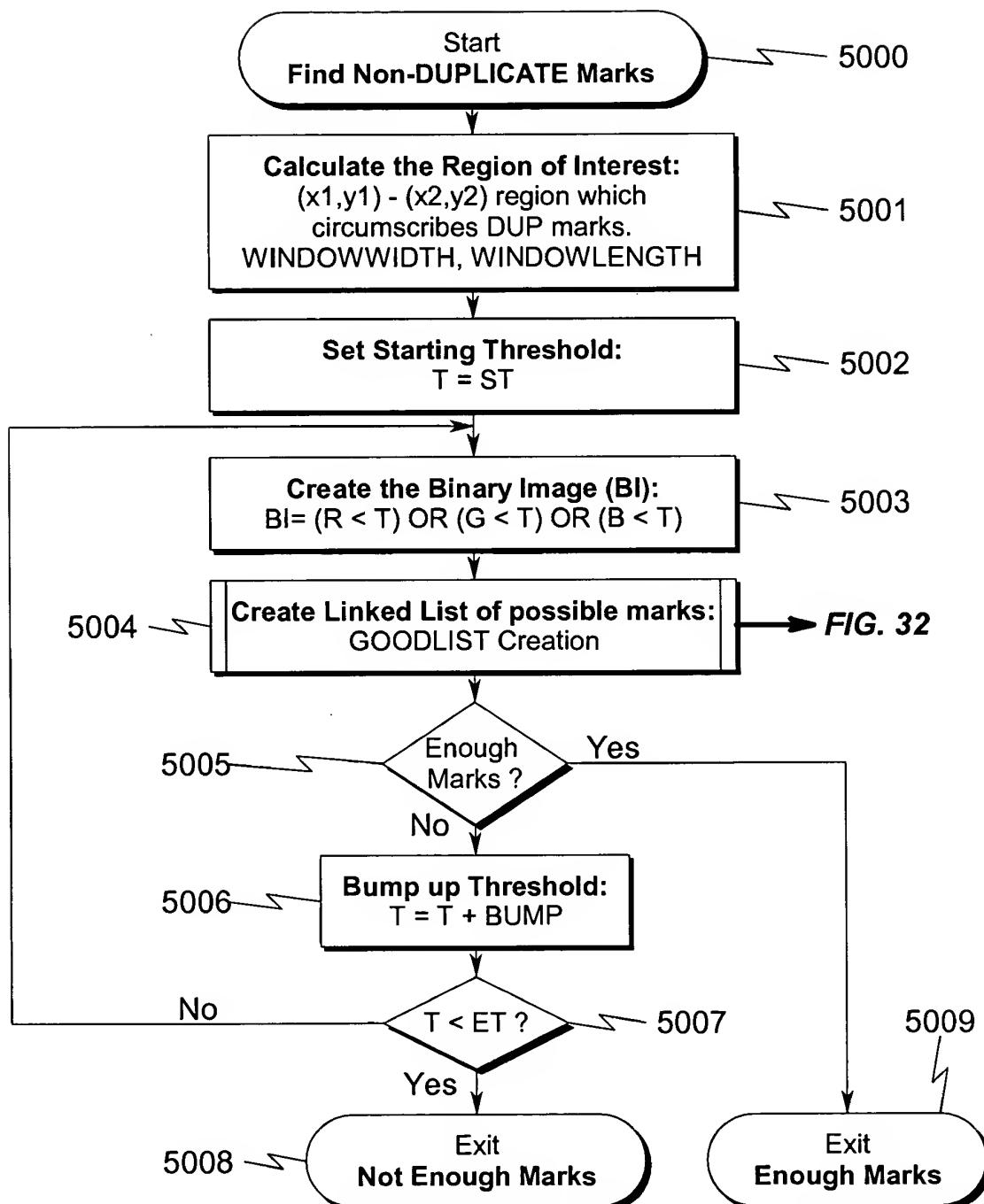


FIG. 51

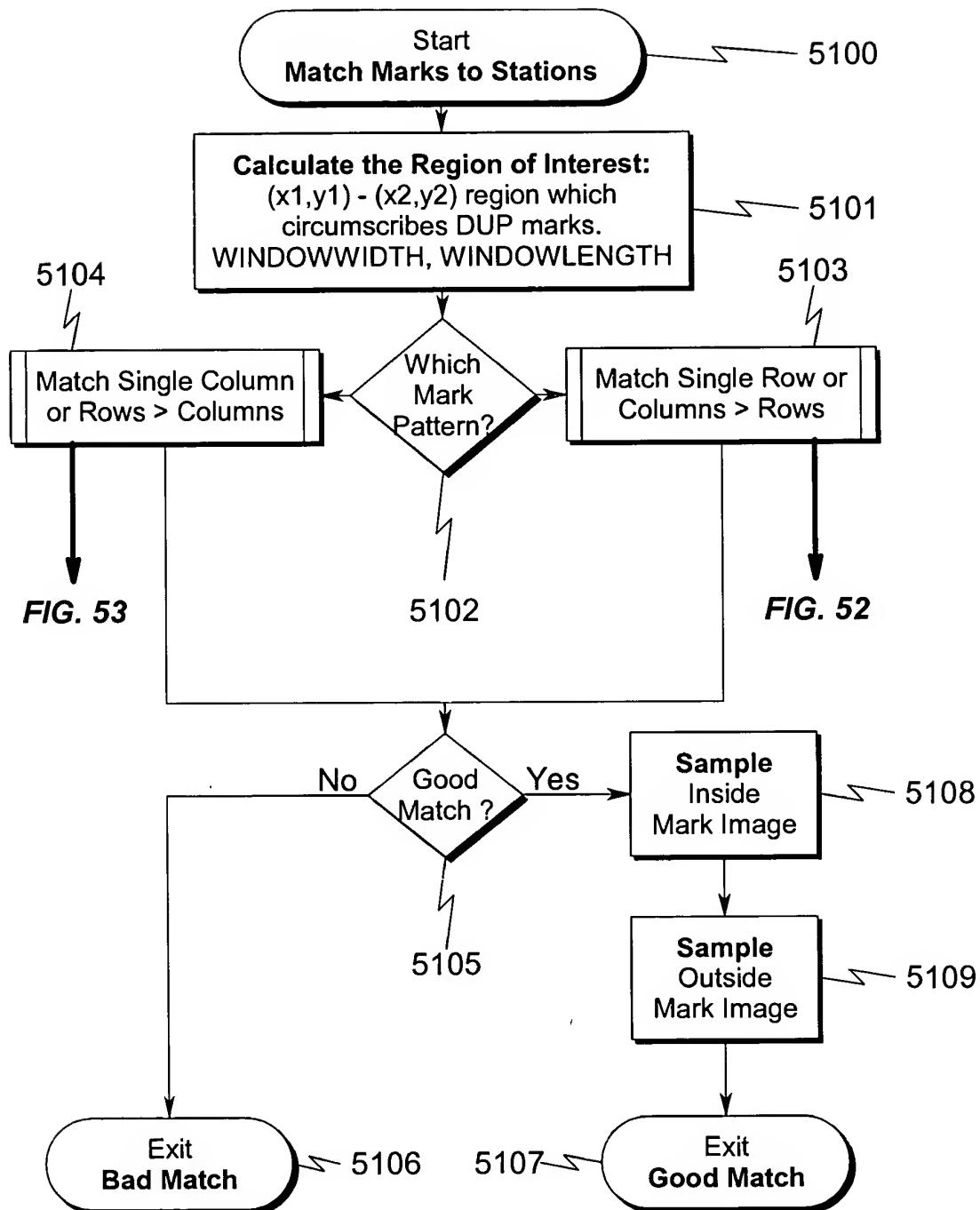


FIG. 52

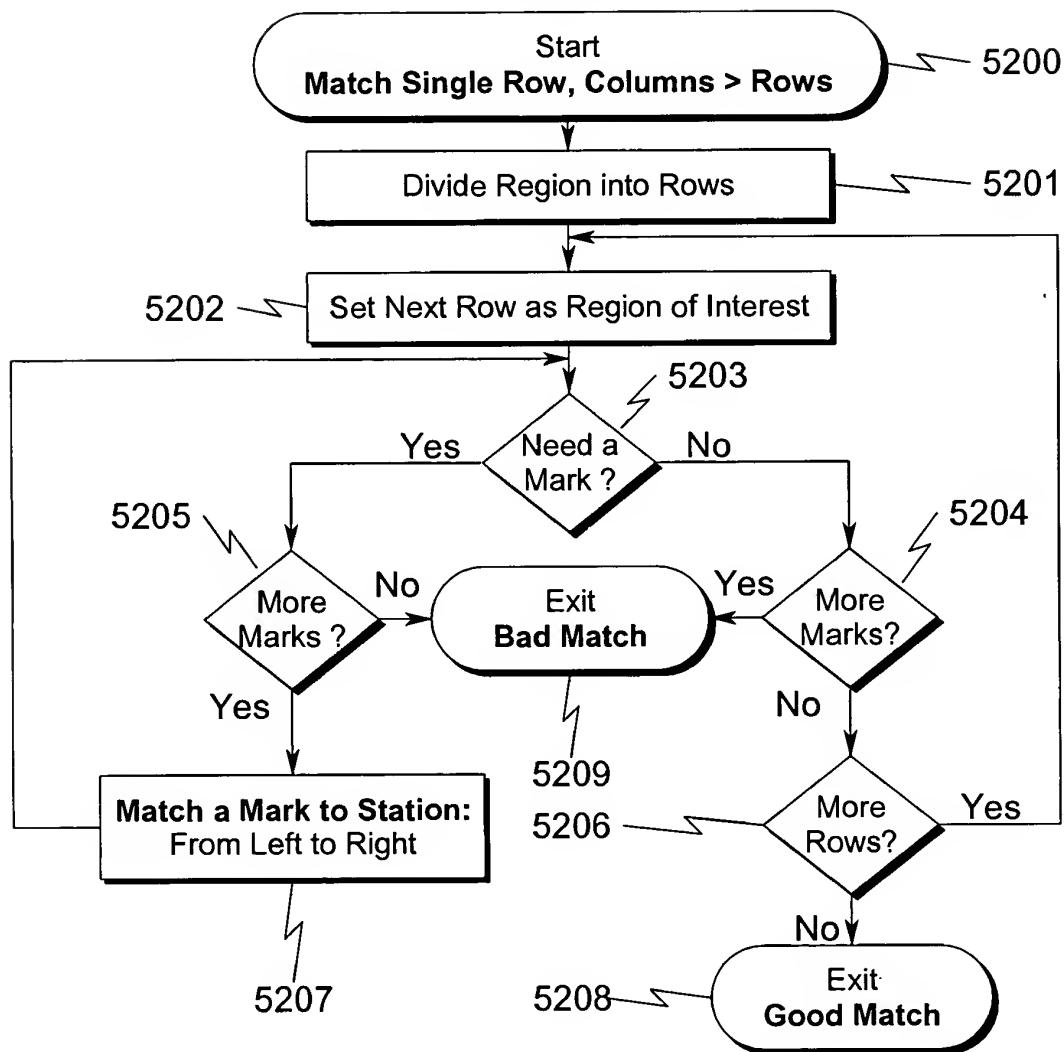


FIG. 53

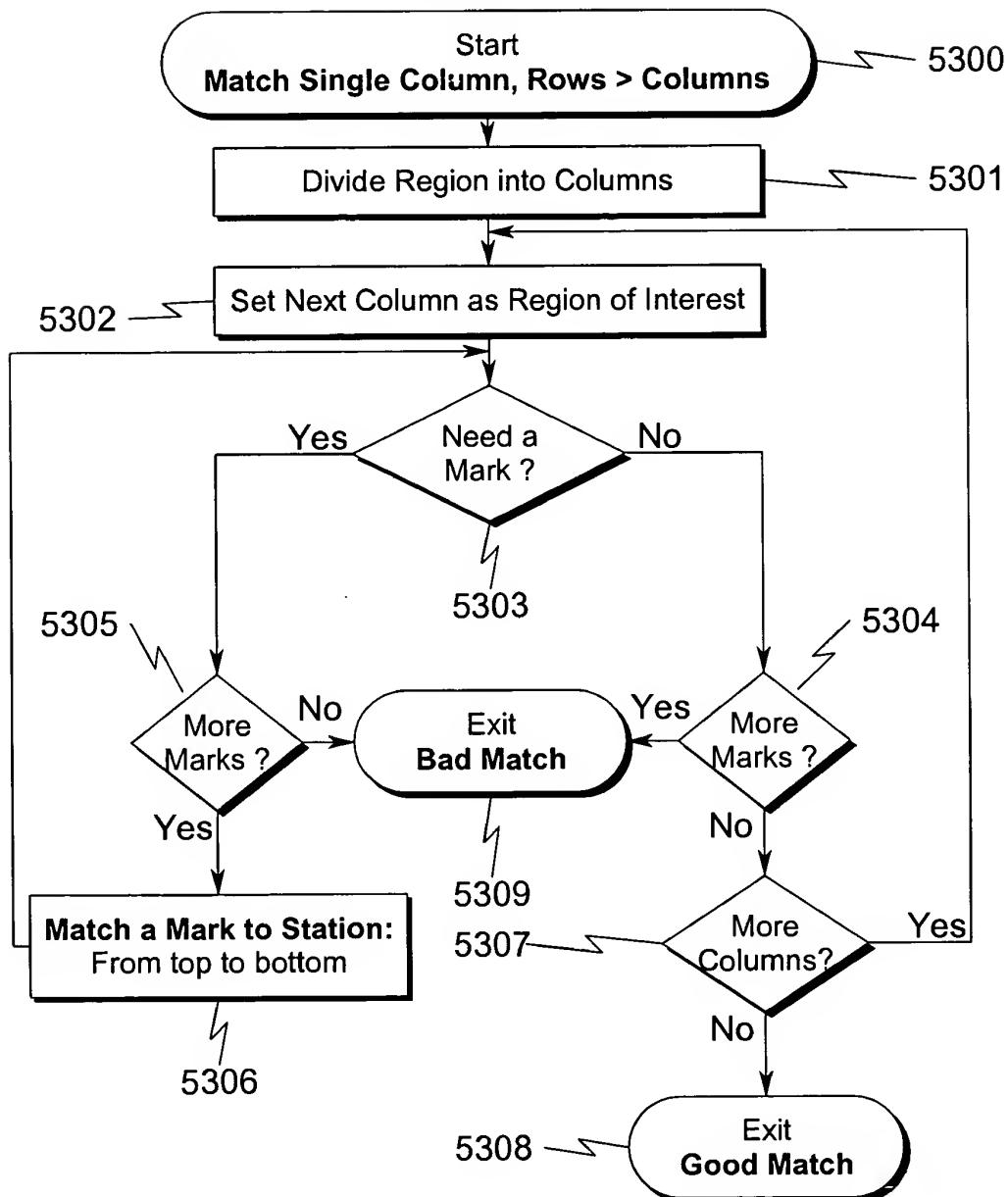


FIG. 54

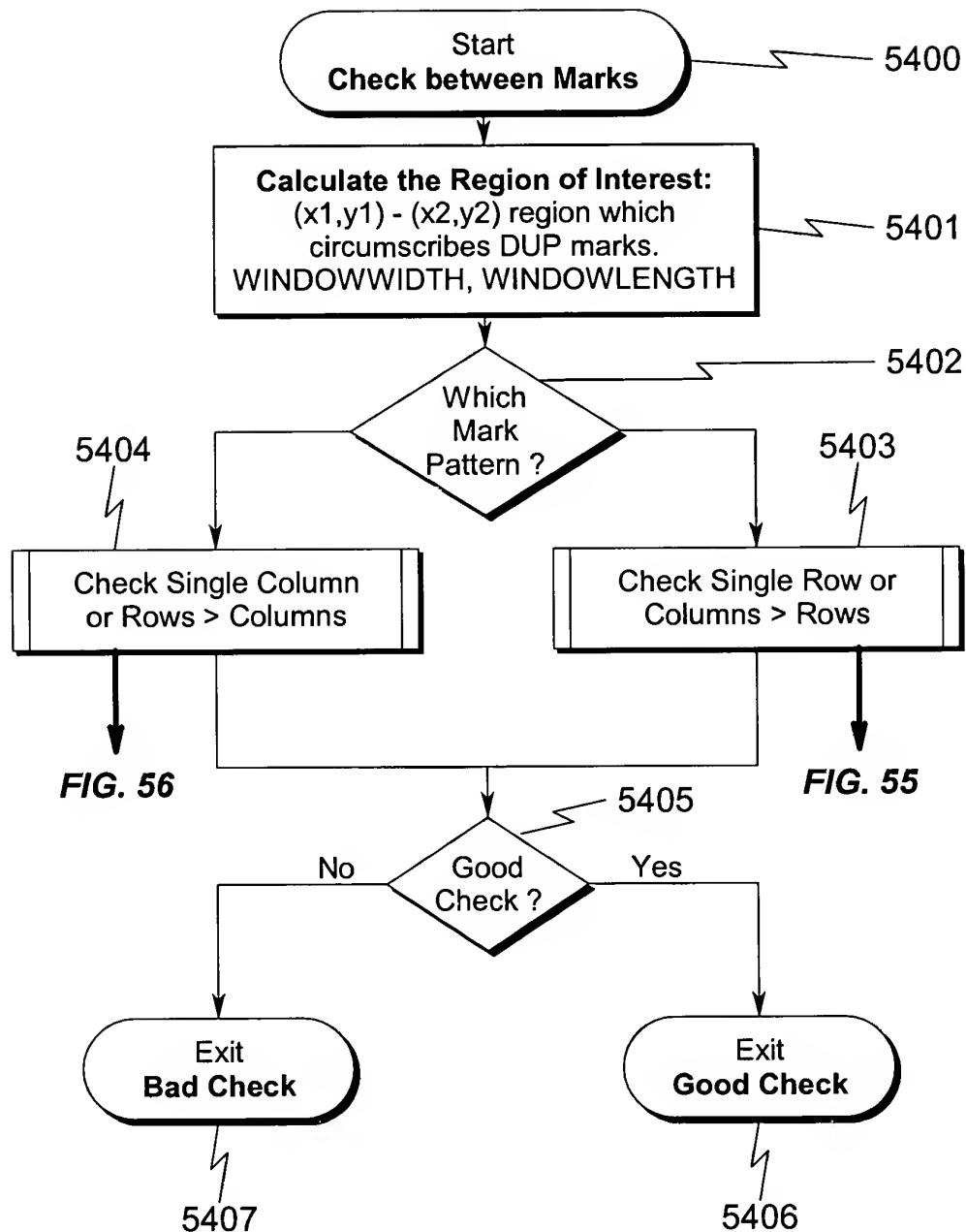


FIG. 55

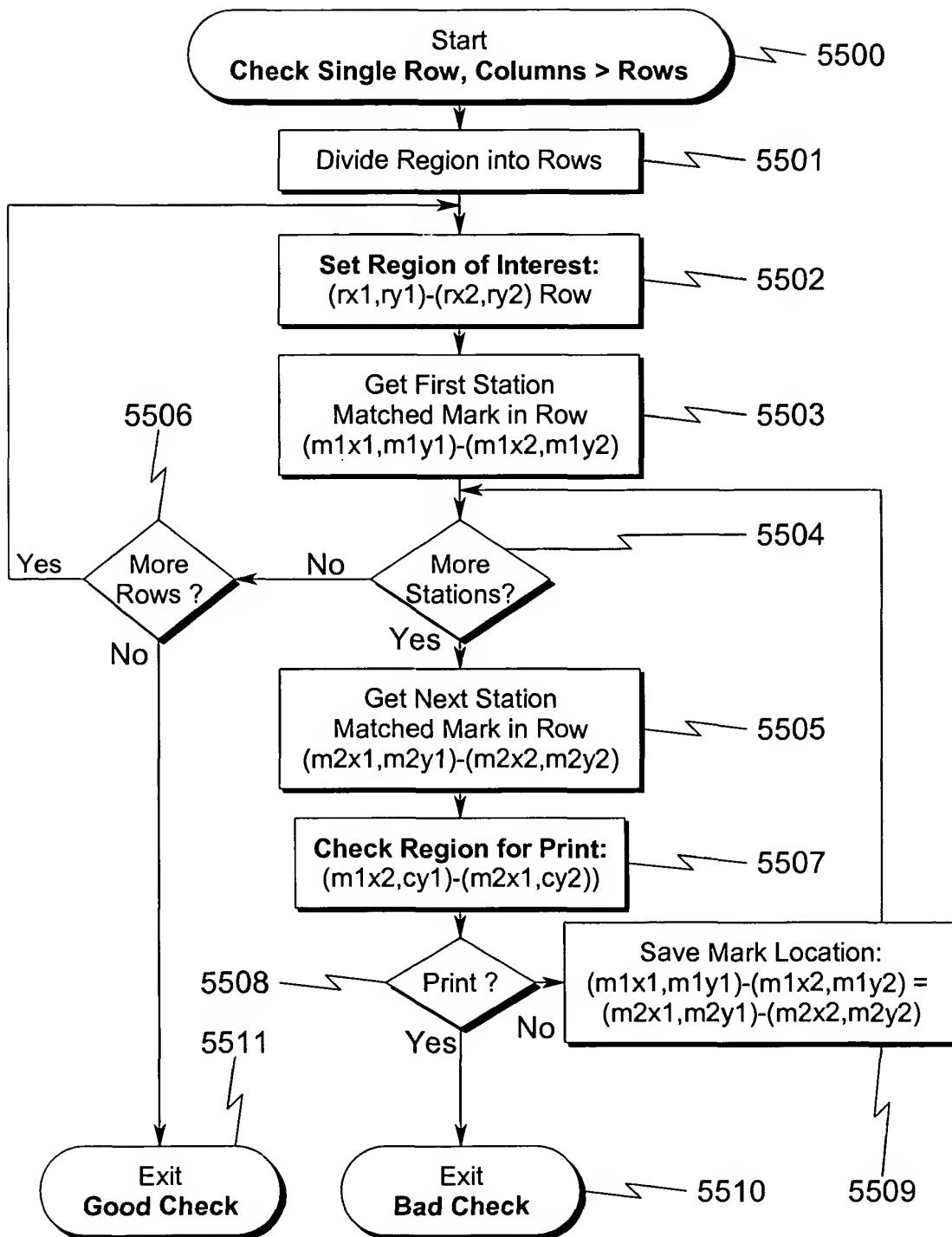


FIG. 56

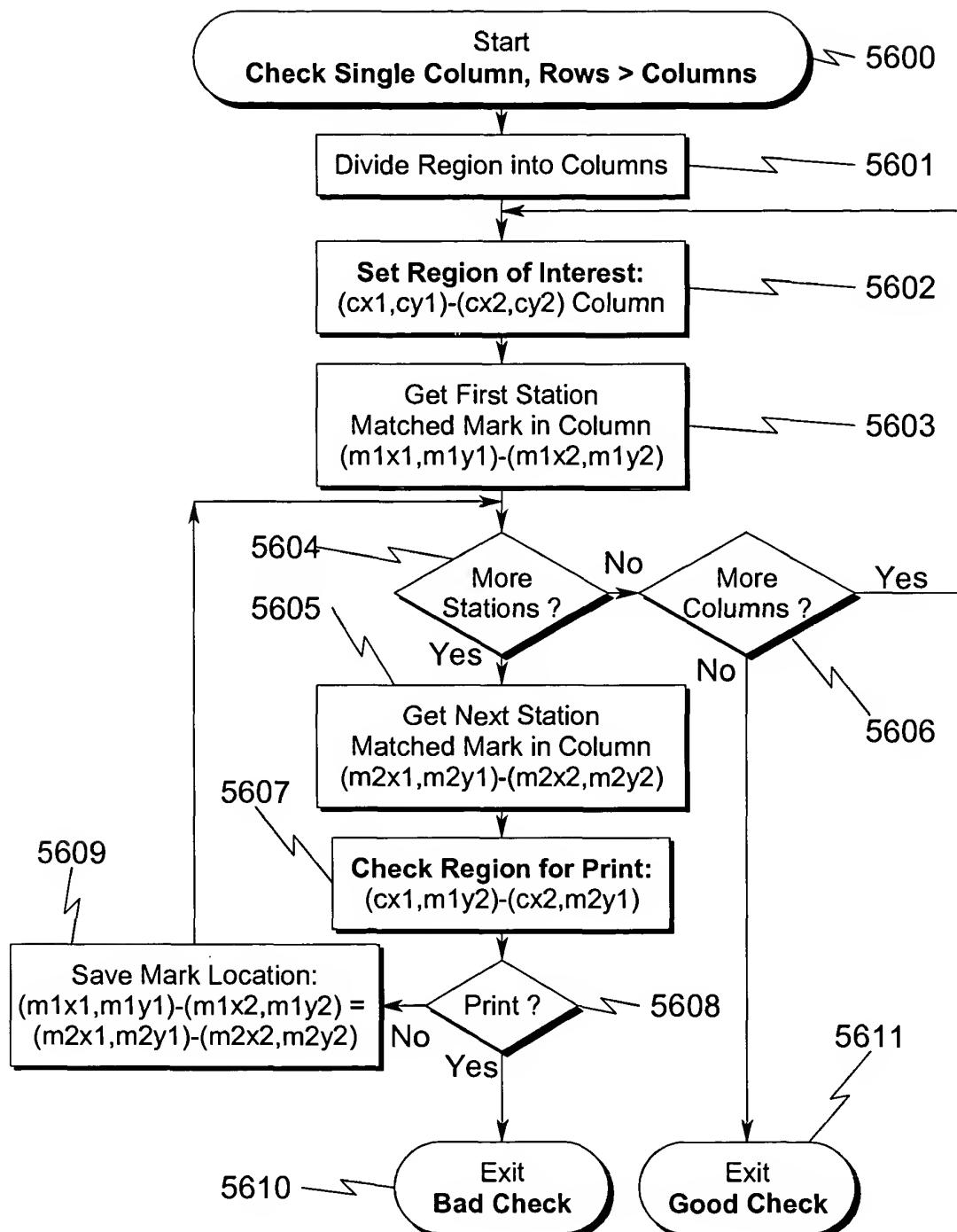


FIG. 57

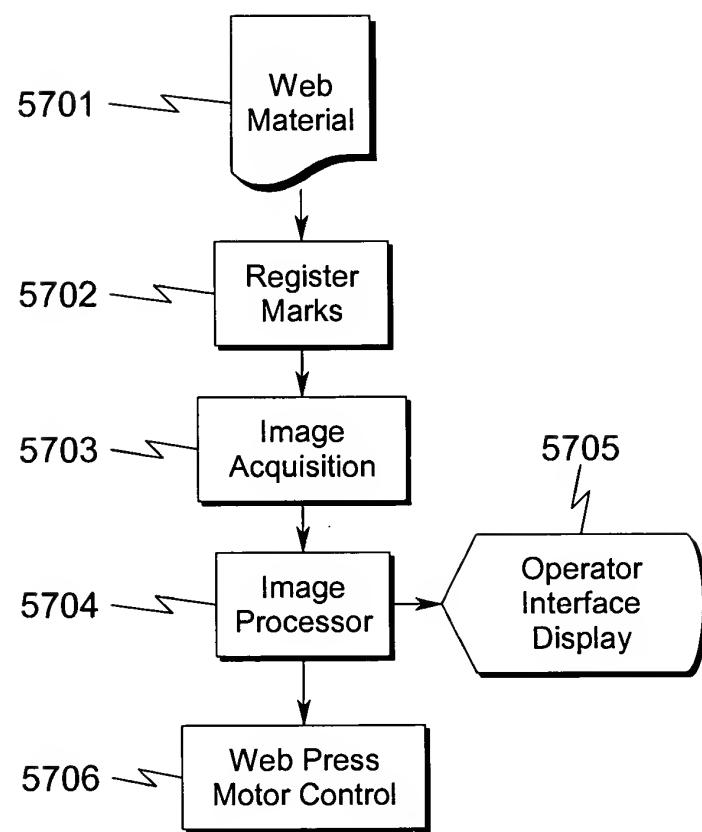


FIG. 58

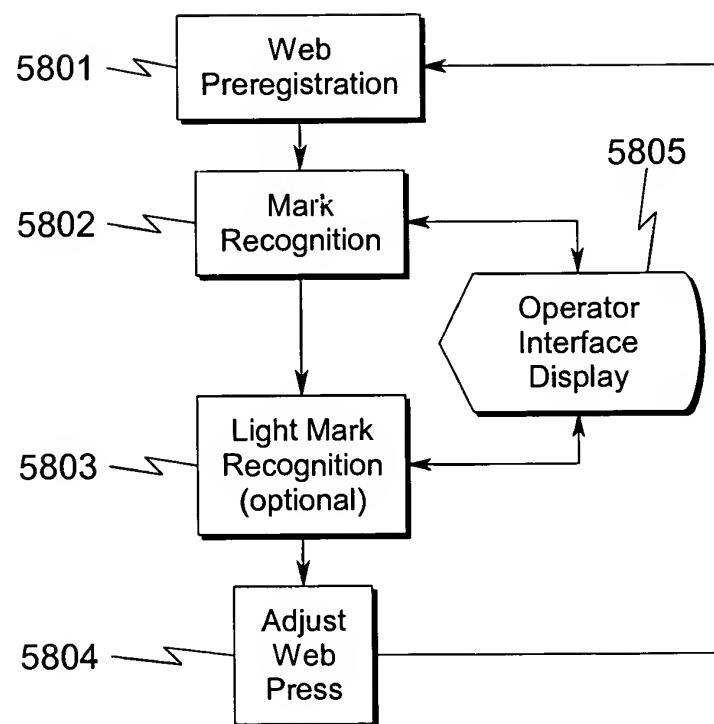


FIG. 59

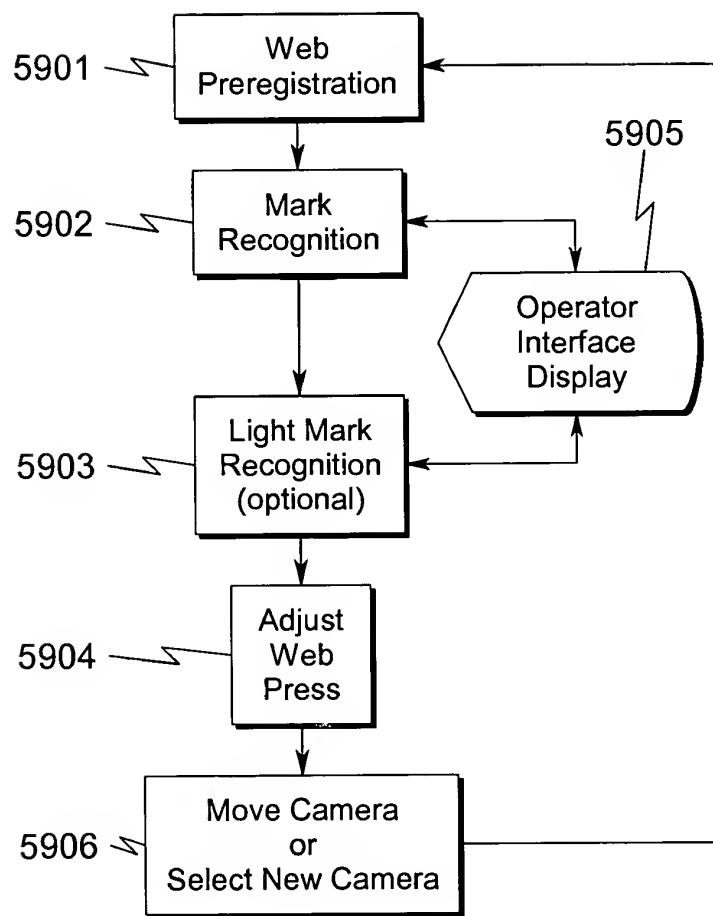


FIG. 60

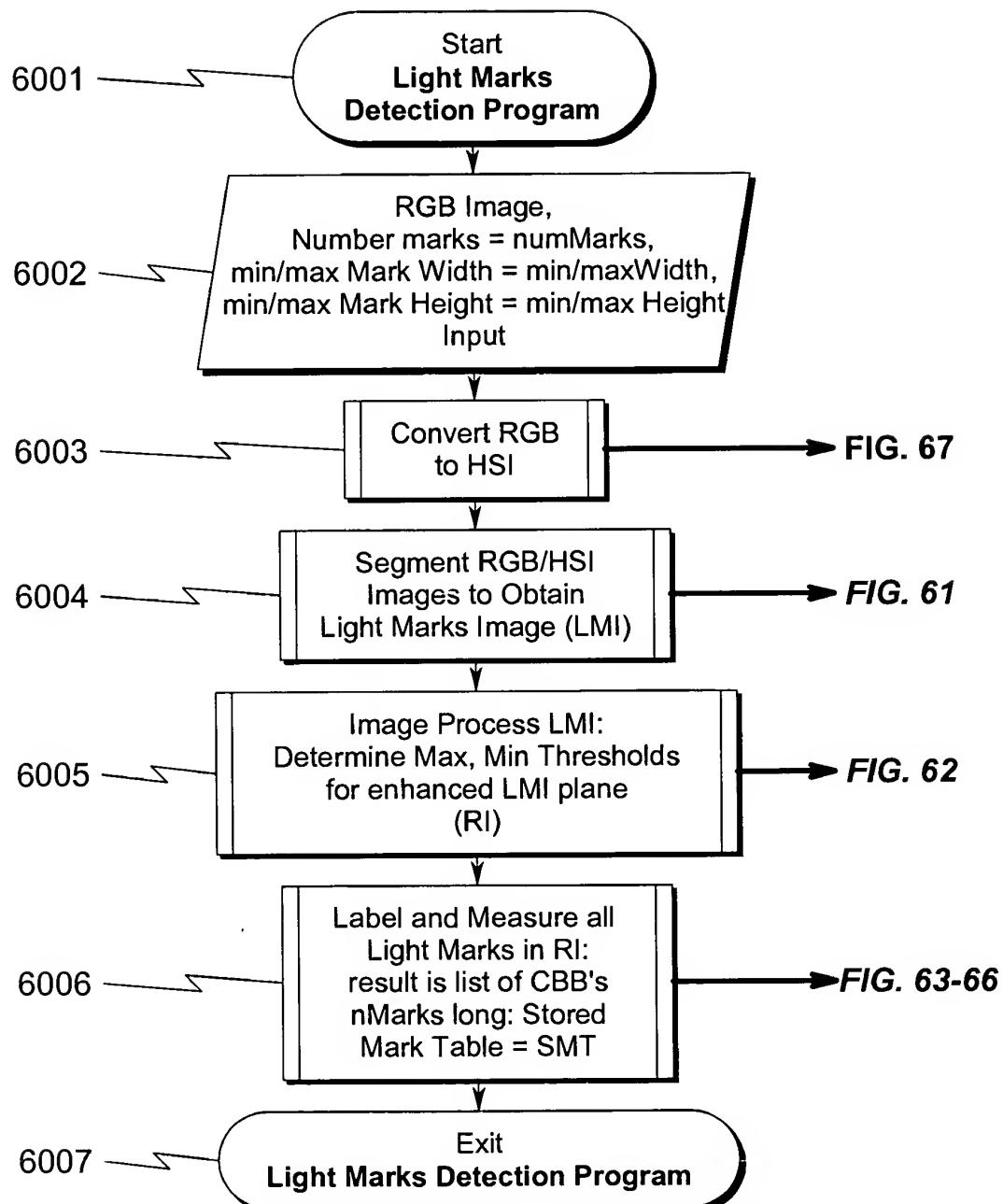


FIG. 61

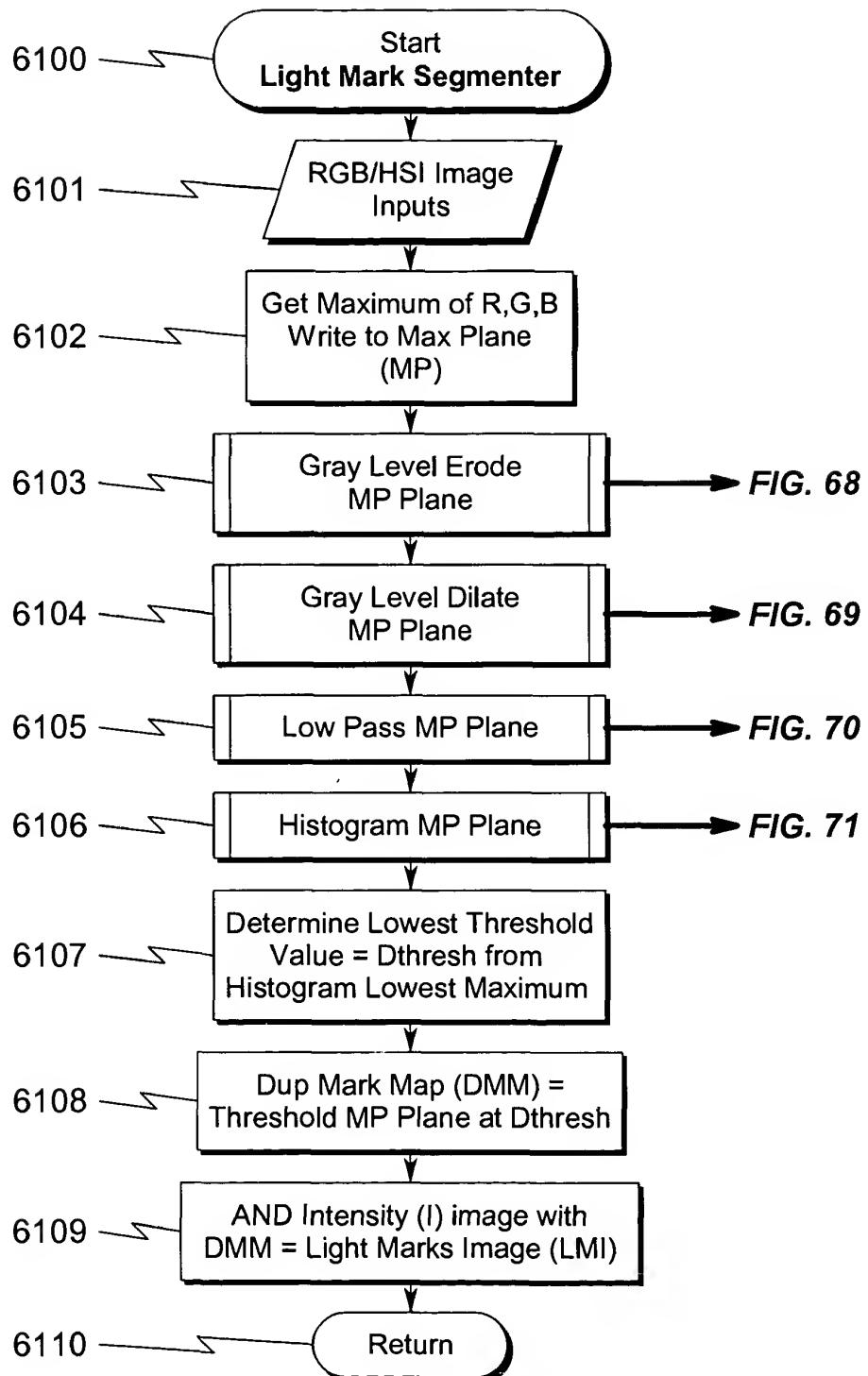


FIG. 62

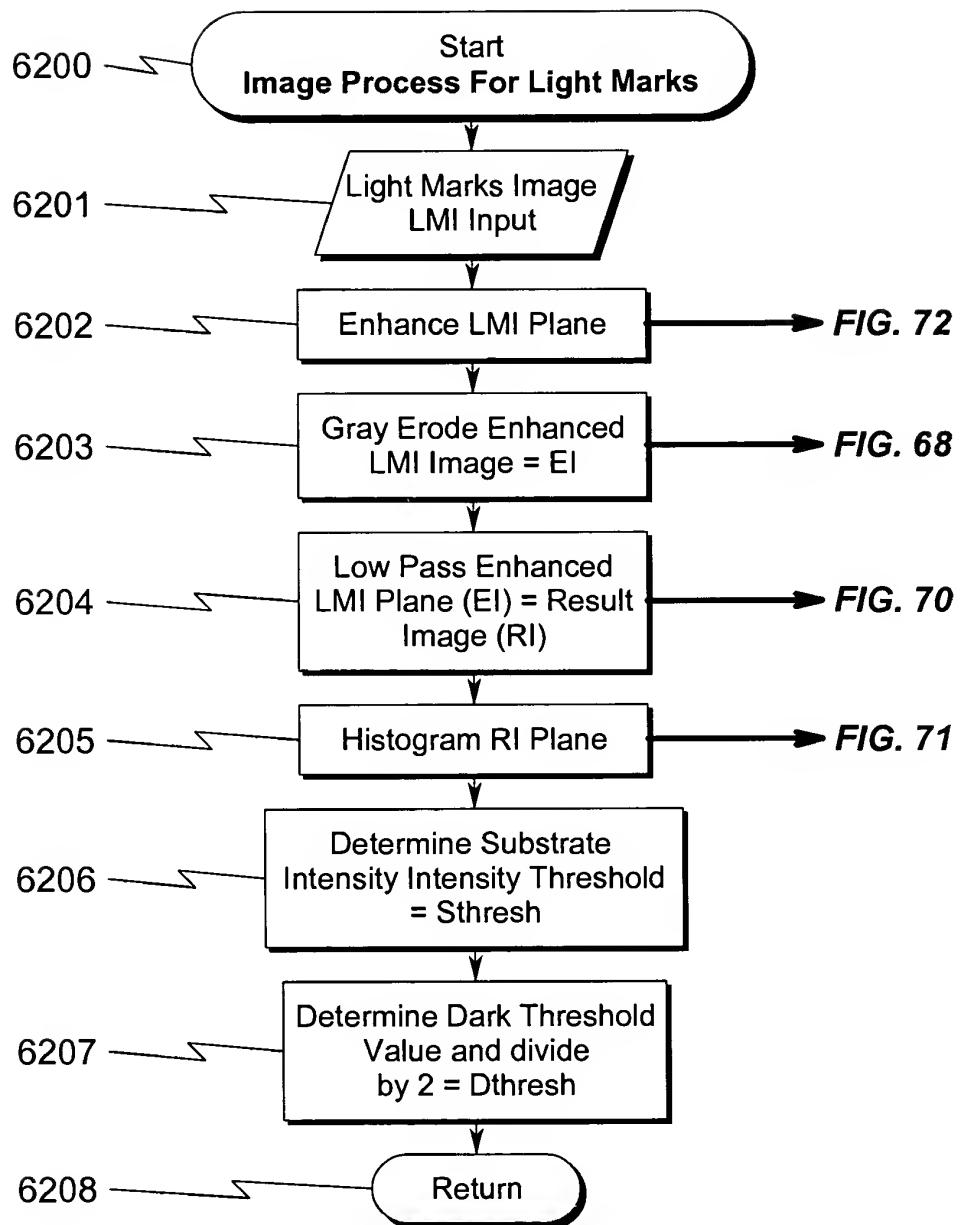


FIG. 63

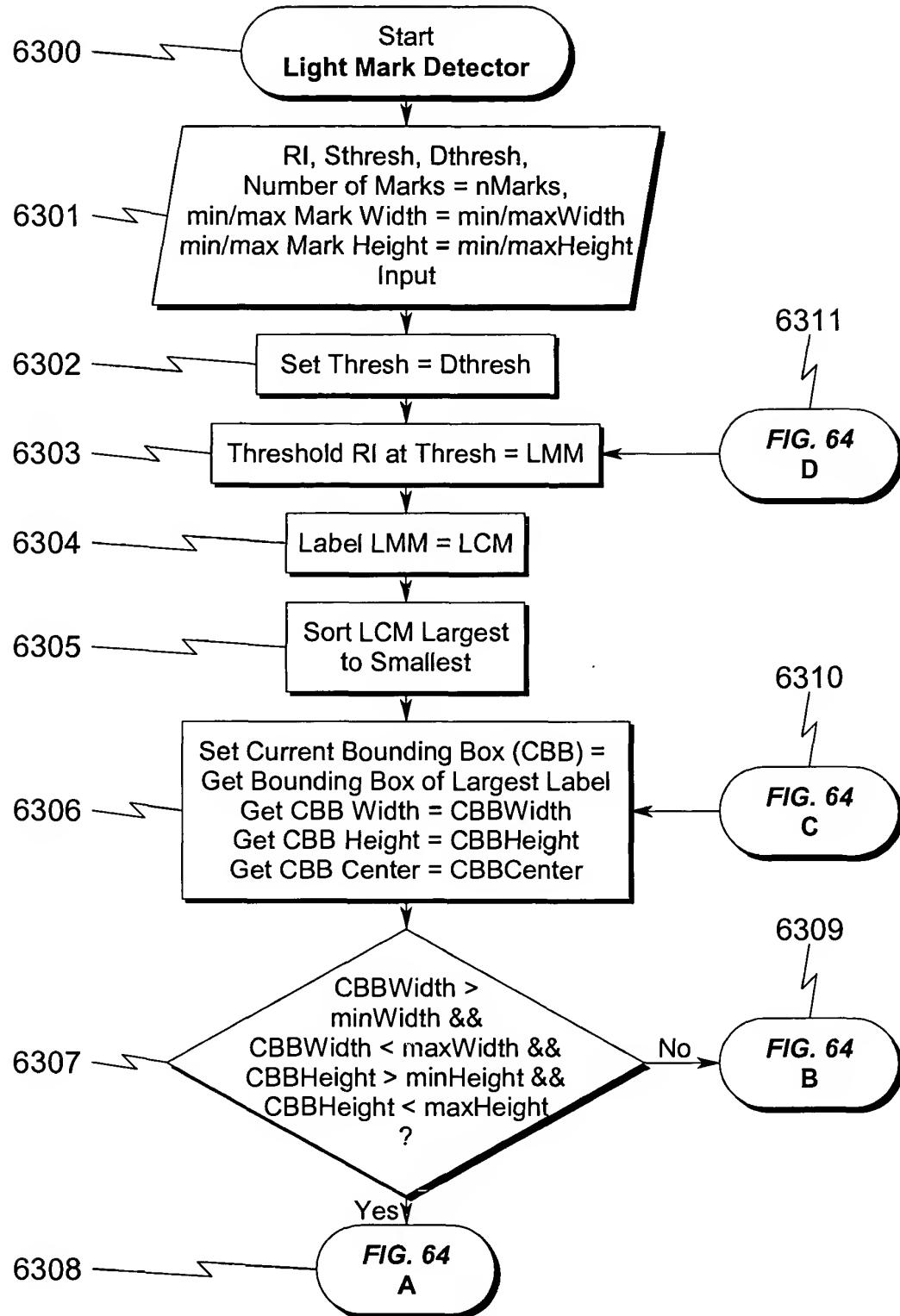


FIG. 64

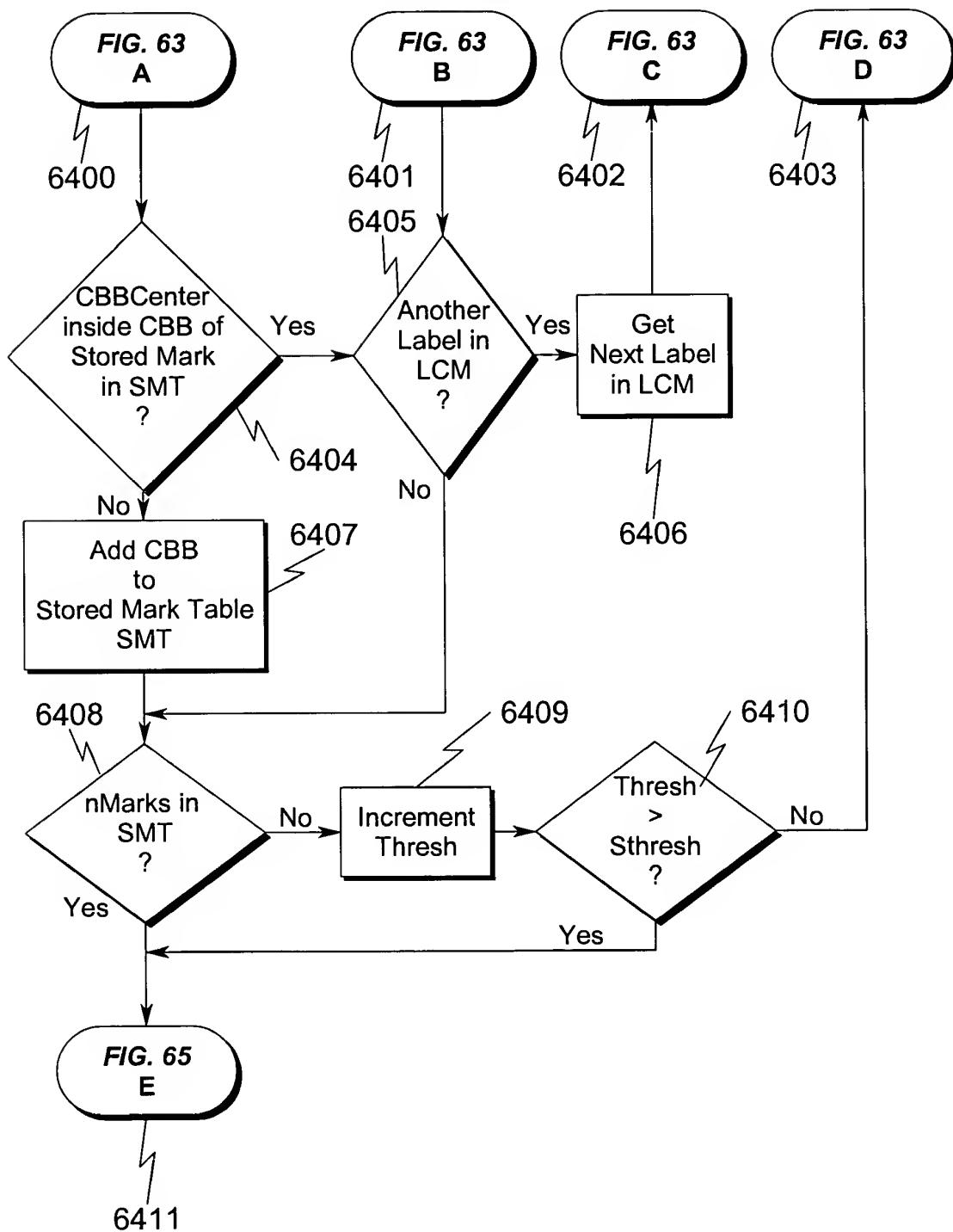


FIG. 65

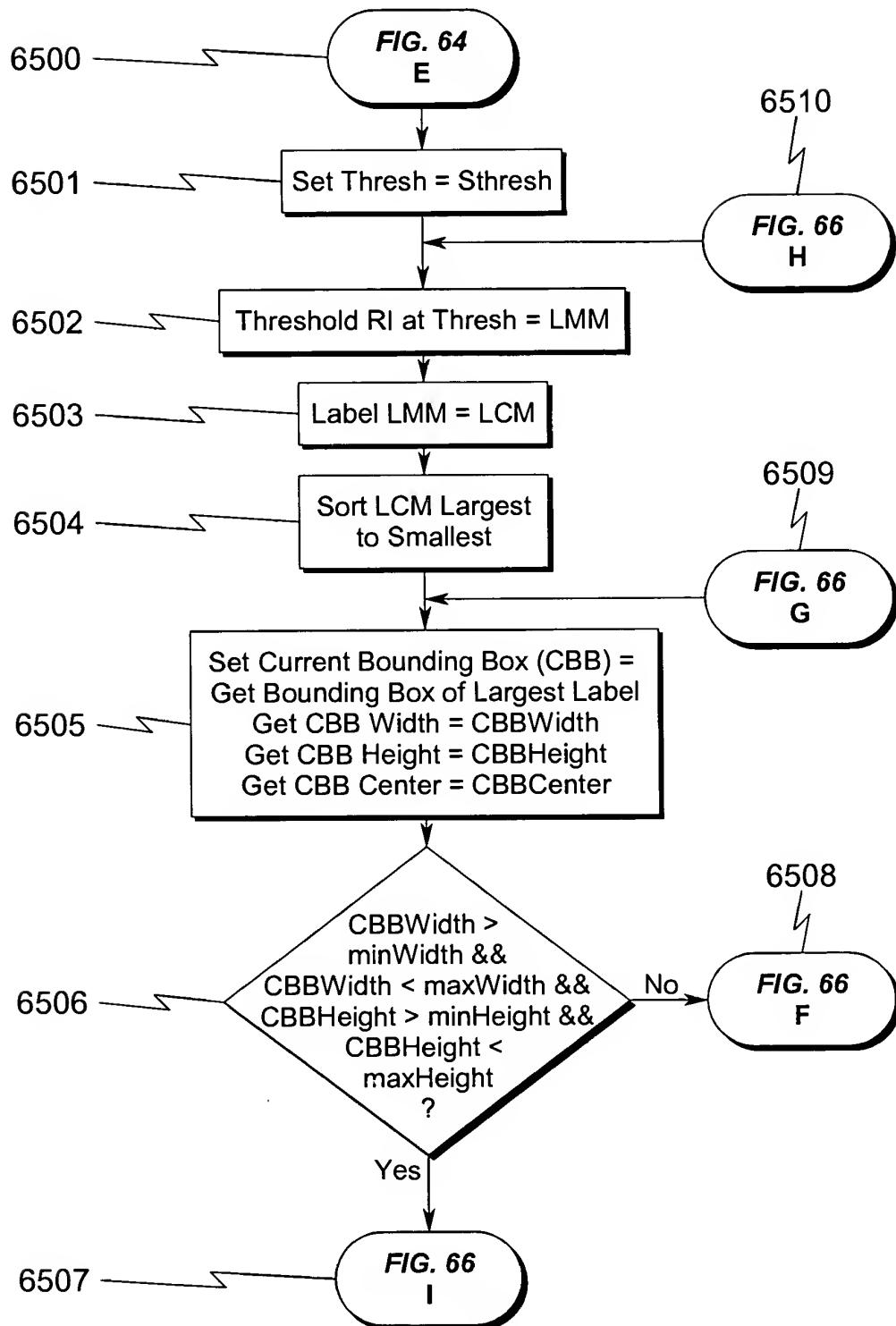


FIG. 66

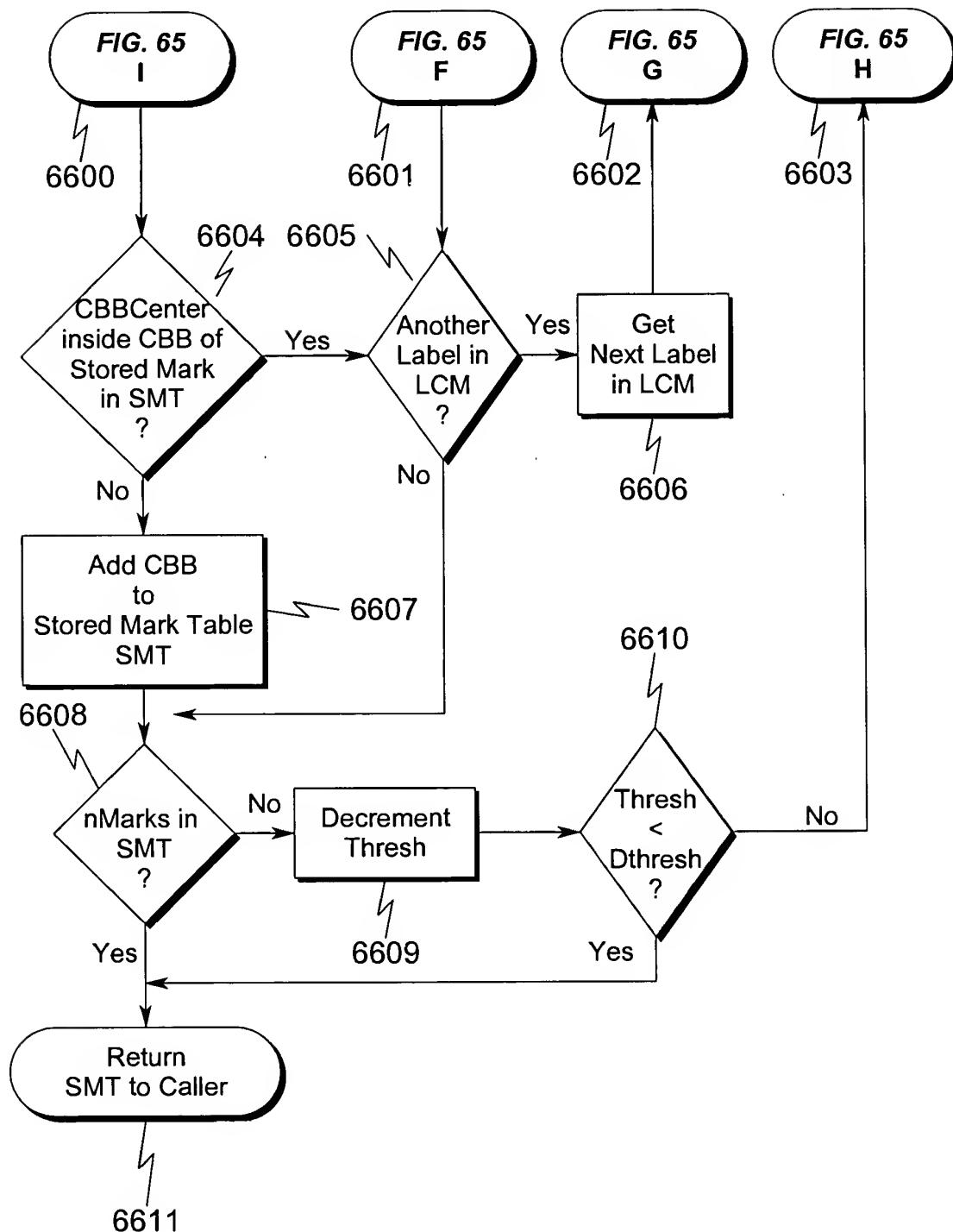


FIG. 67

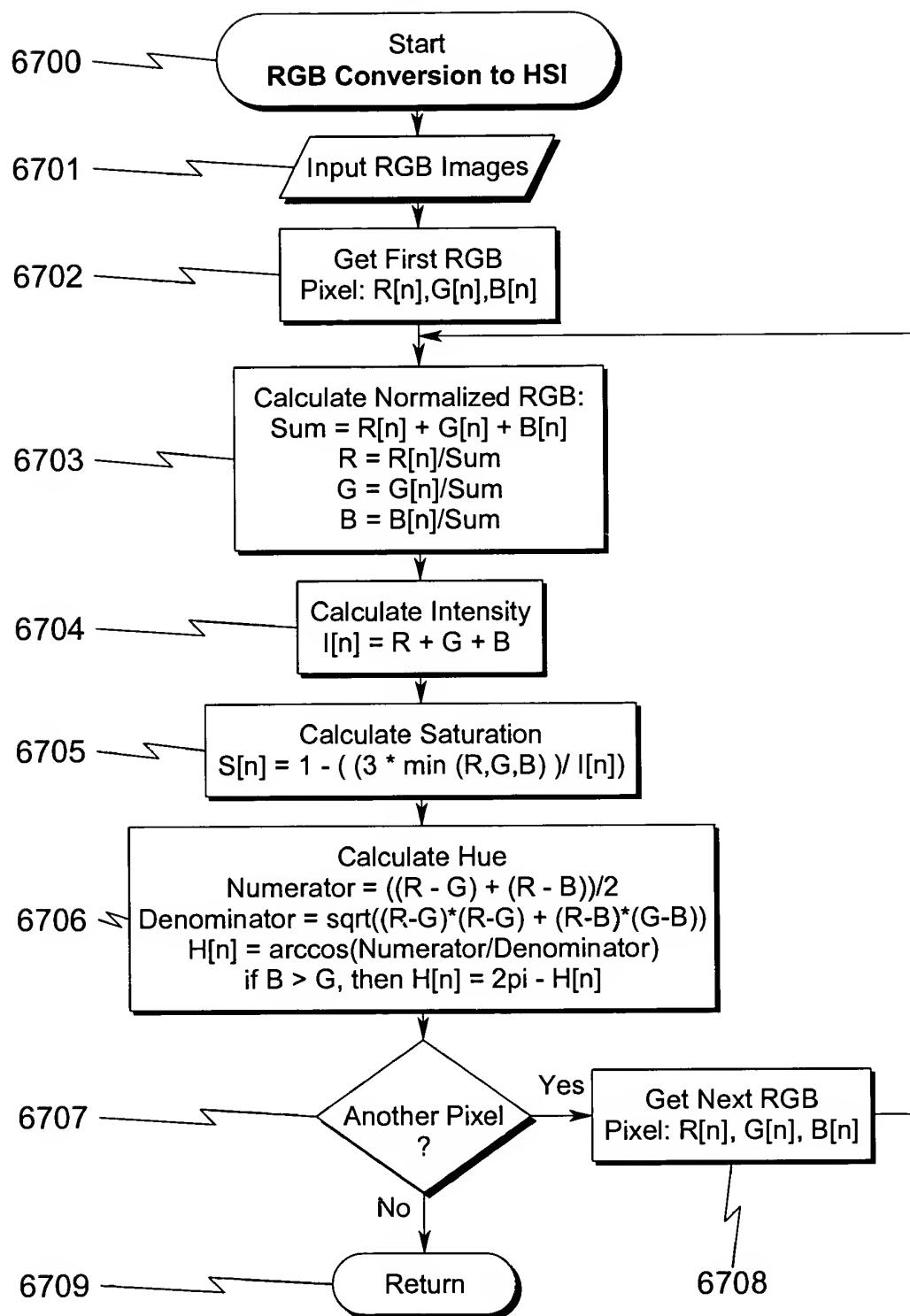


FIG. 68

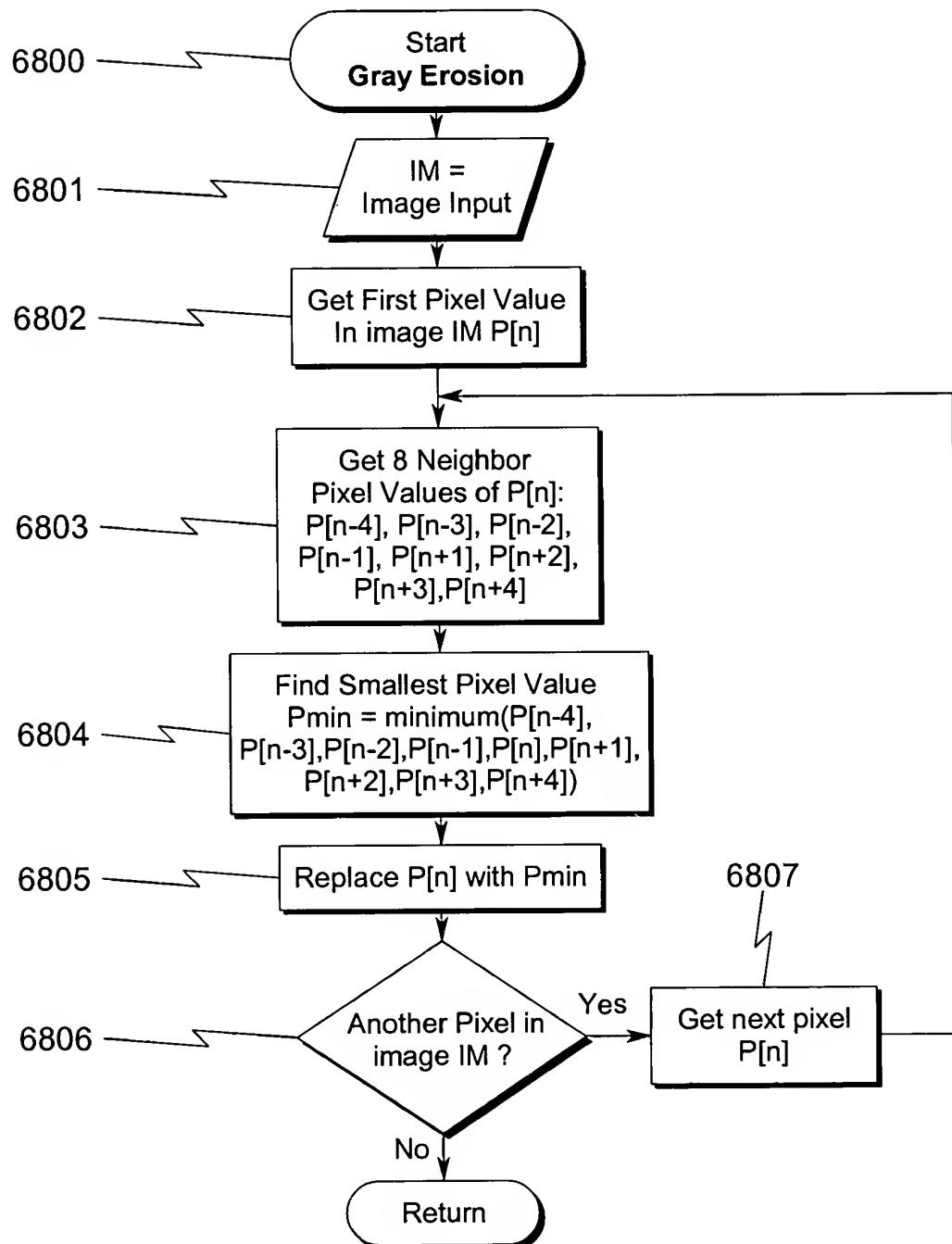


FIG. 69

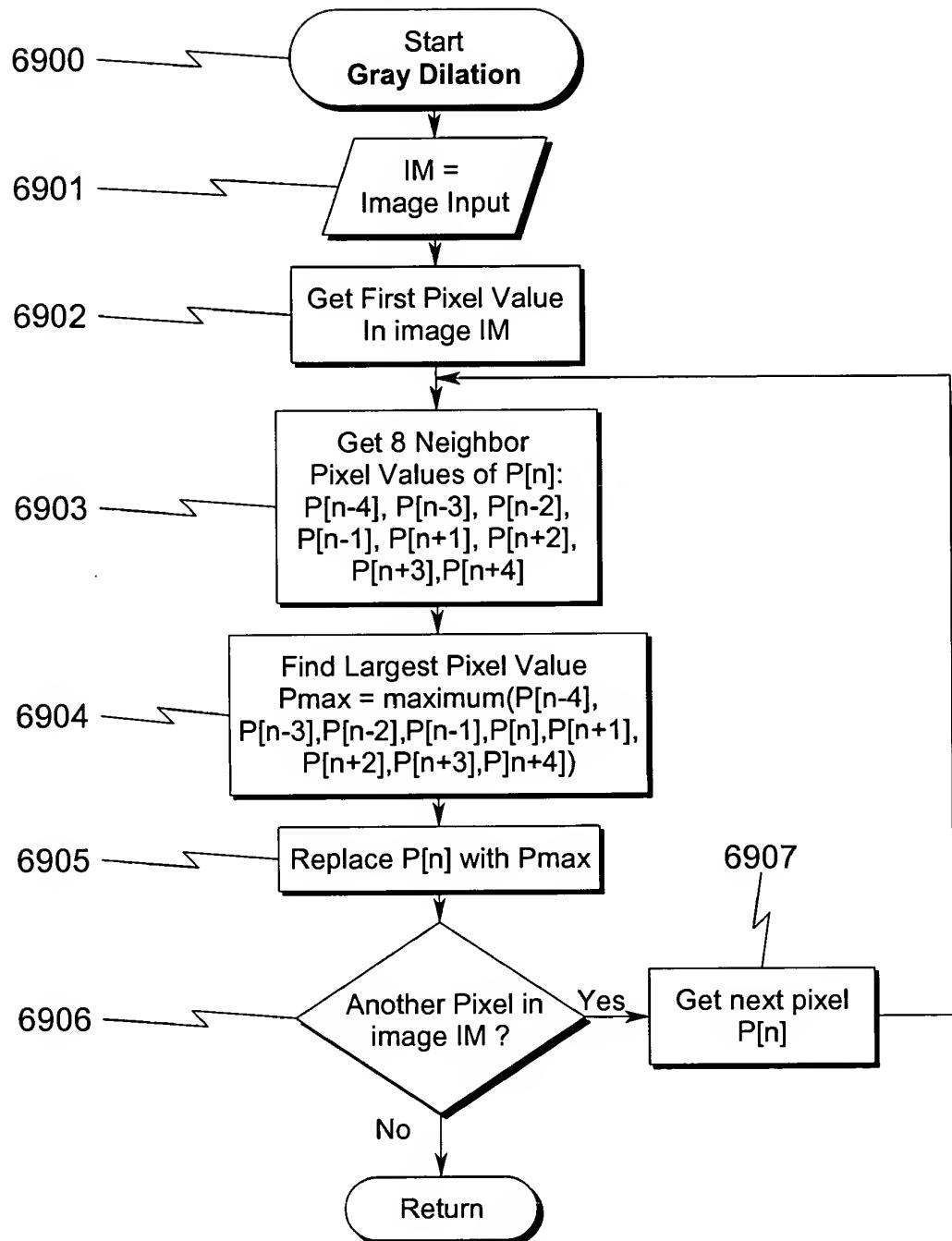


FIG. 70

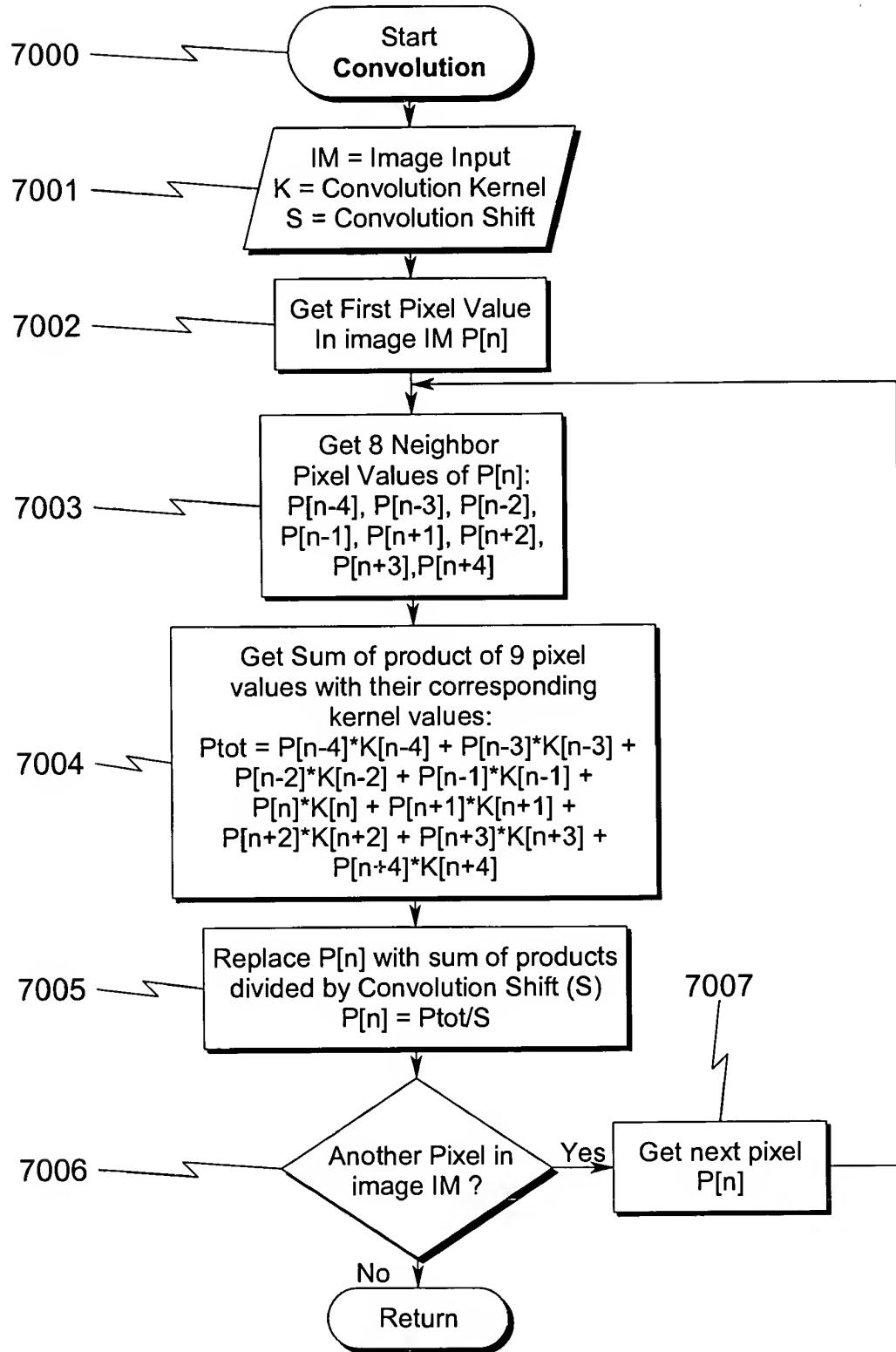


FIG. 71

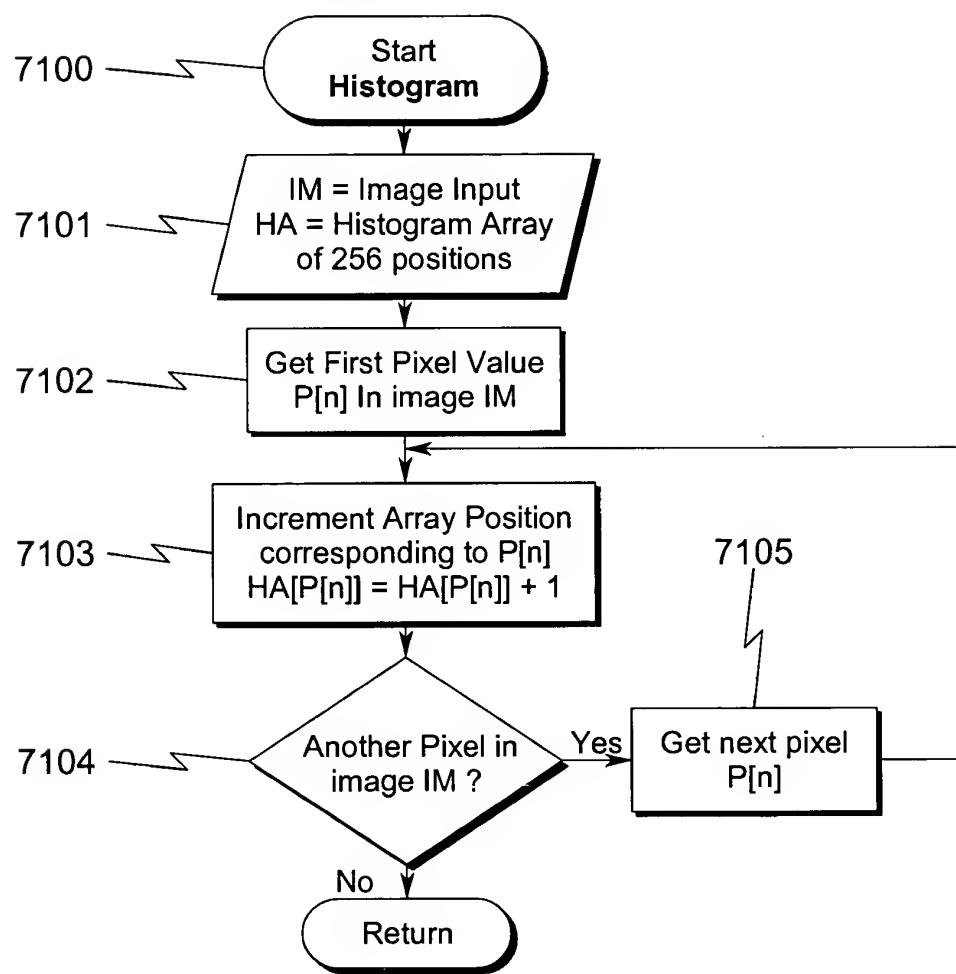


FIG. 72

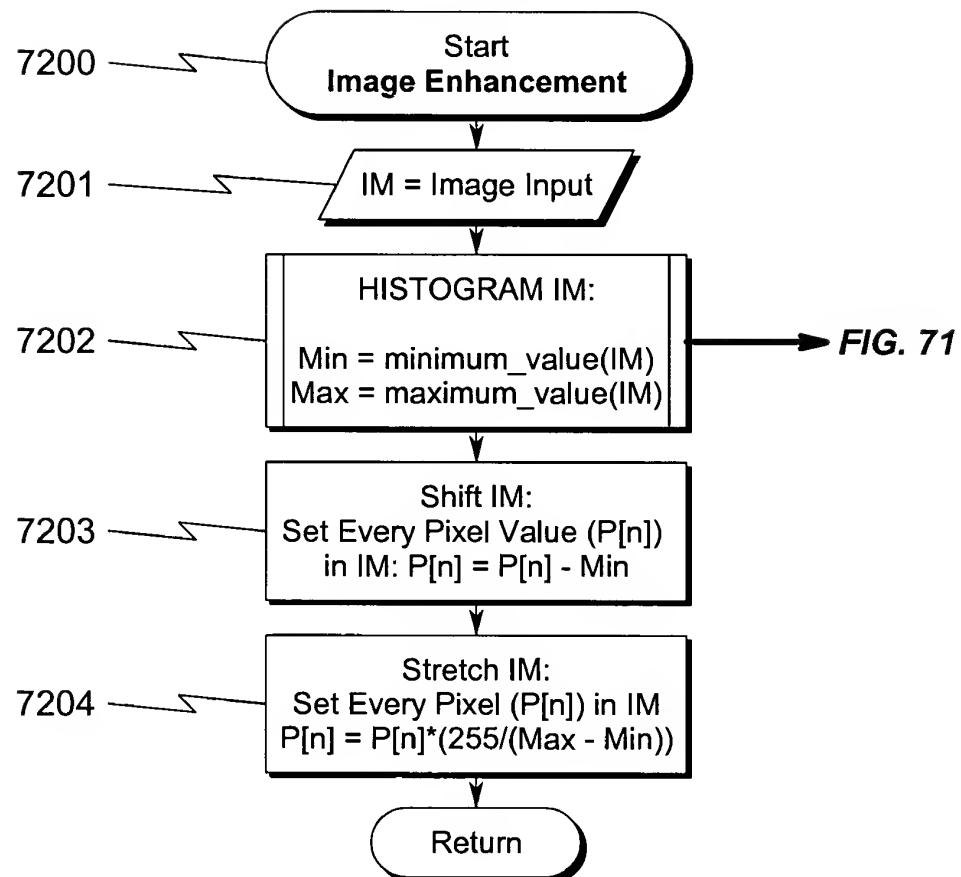


FIG. 73

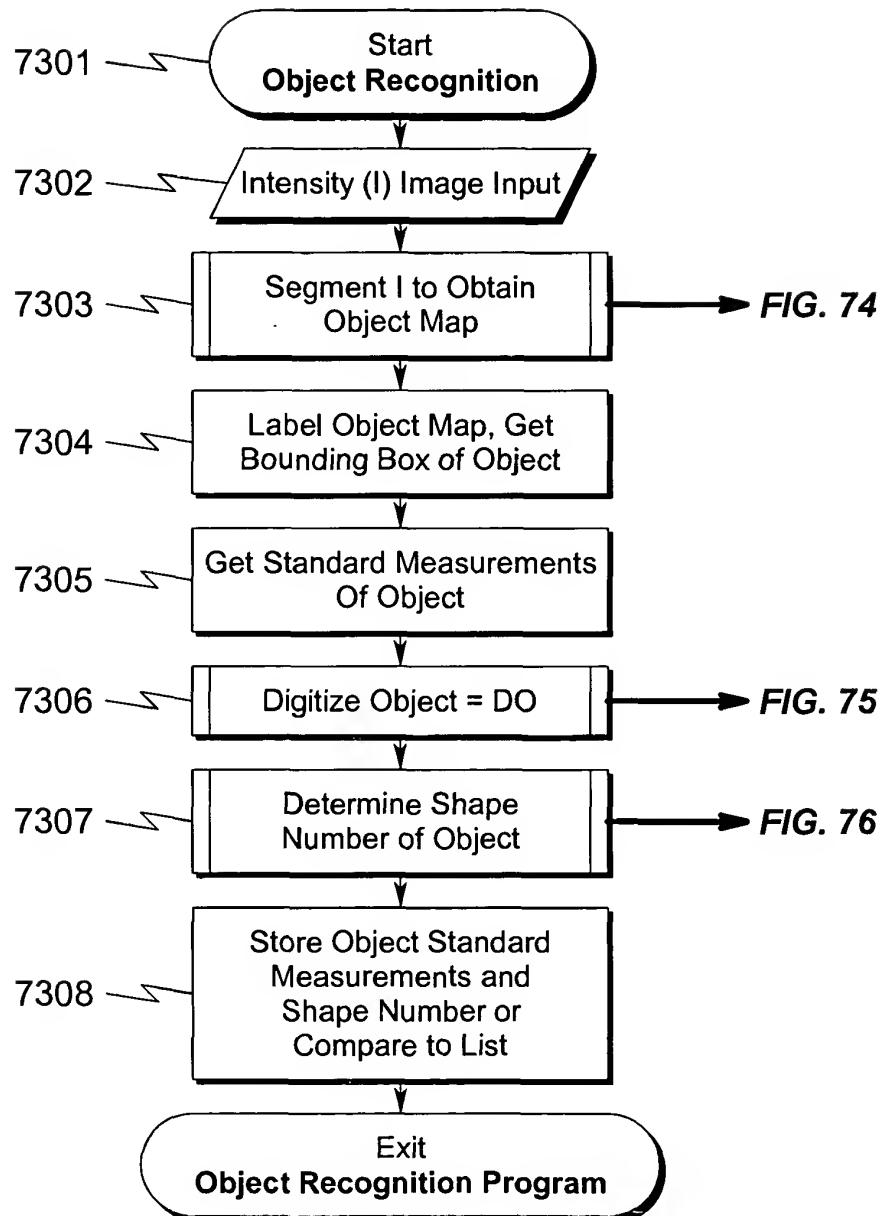


FIG. 74

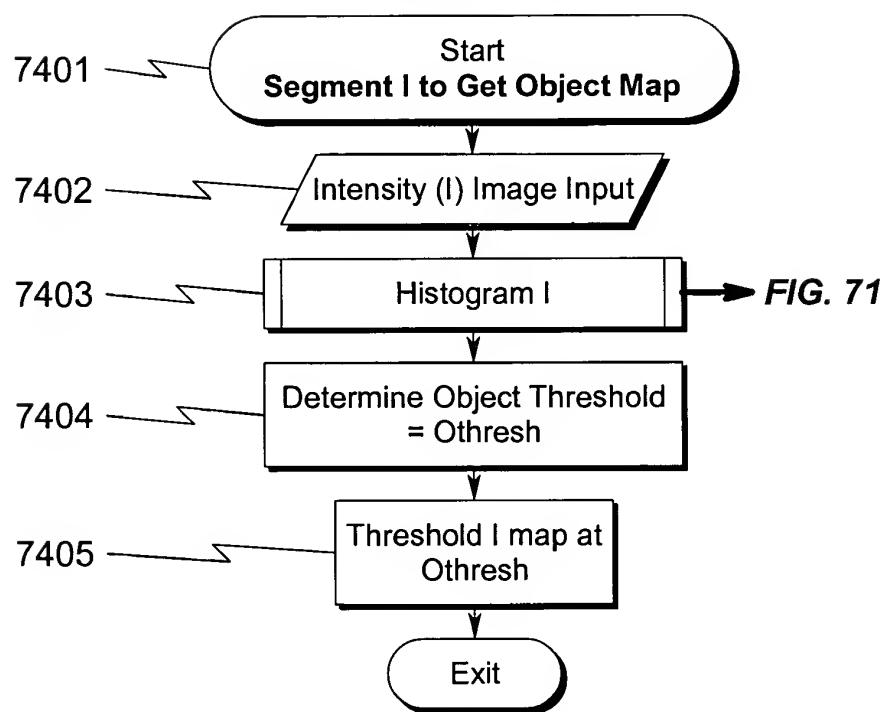


FIG. 75

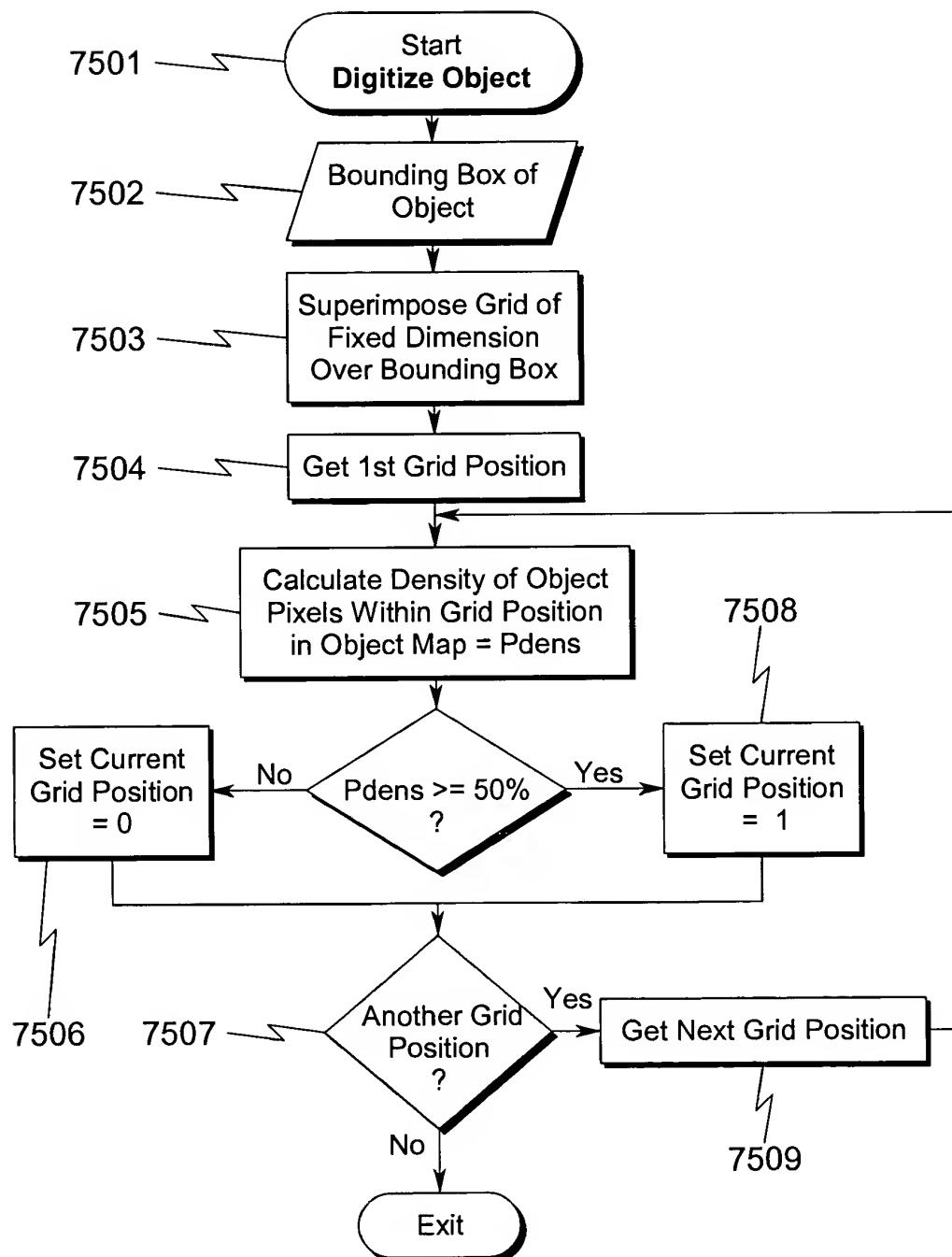


FIG. 76

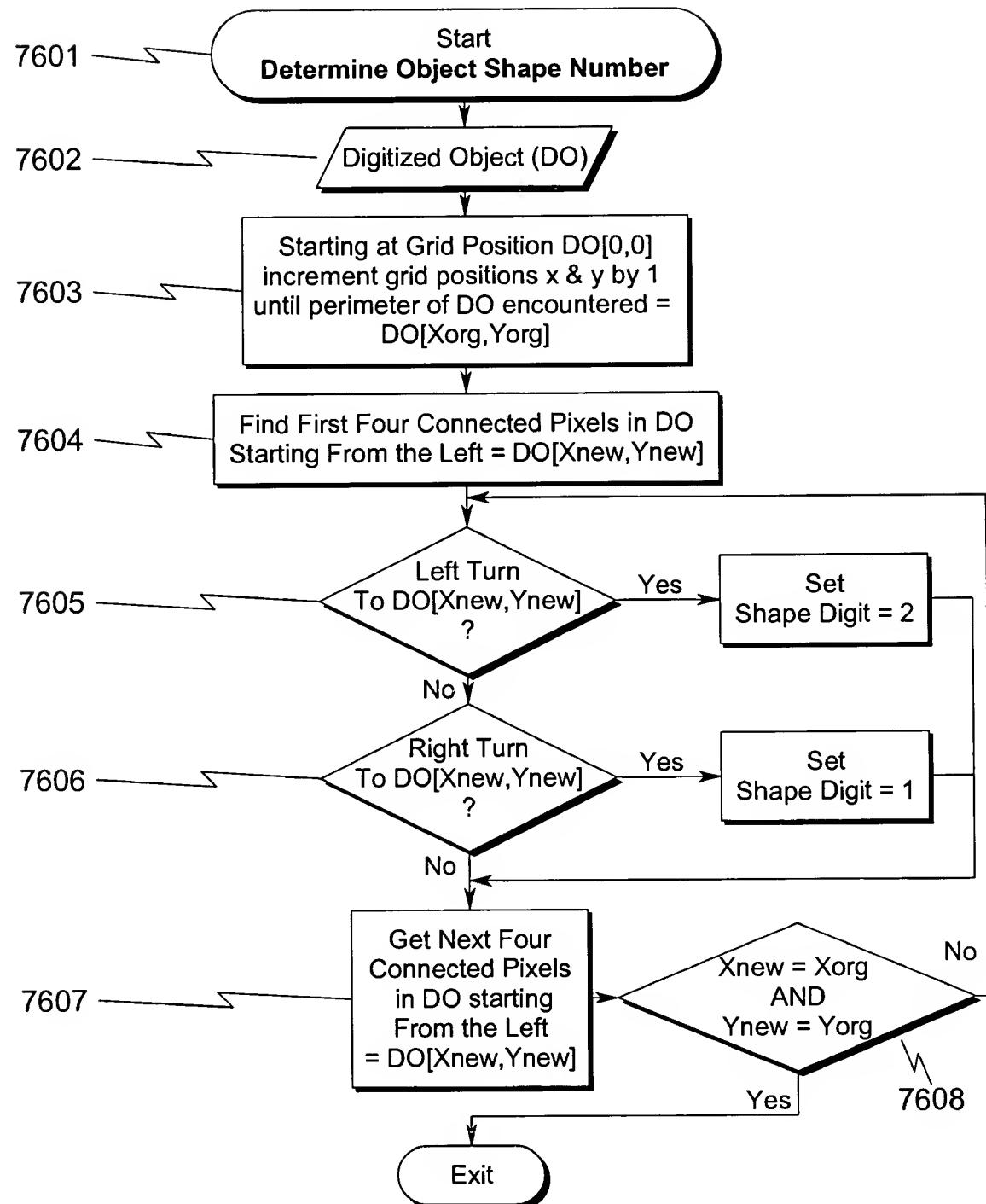


FIG. 77

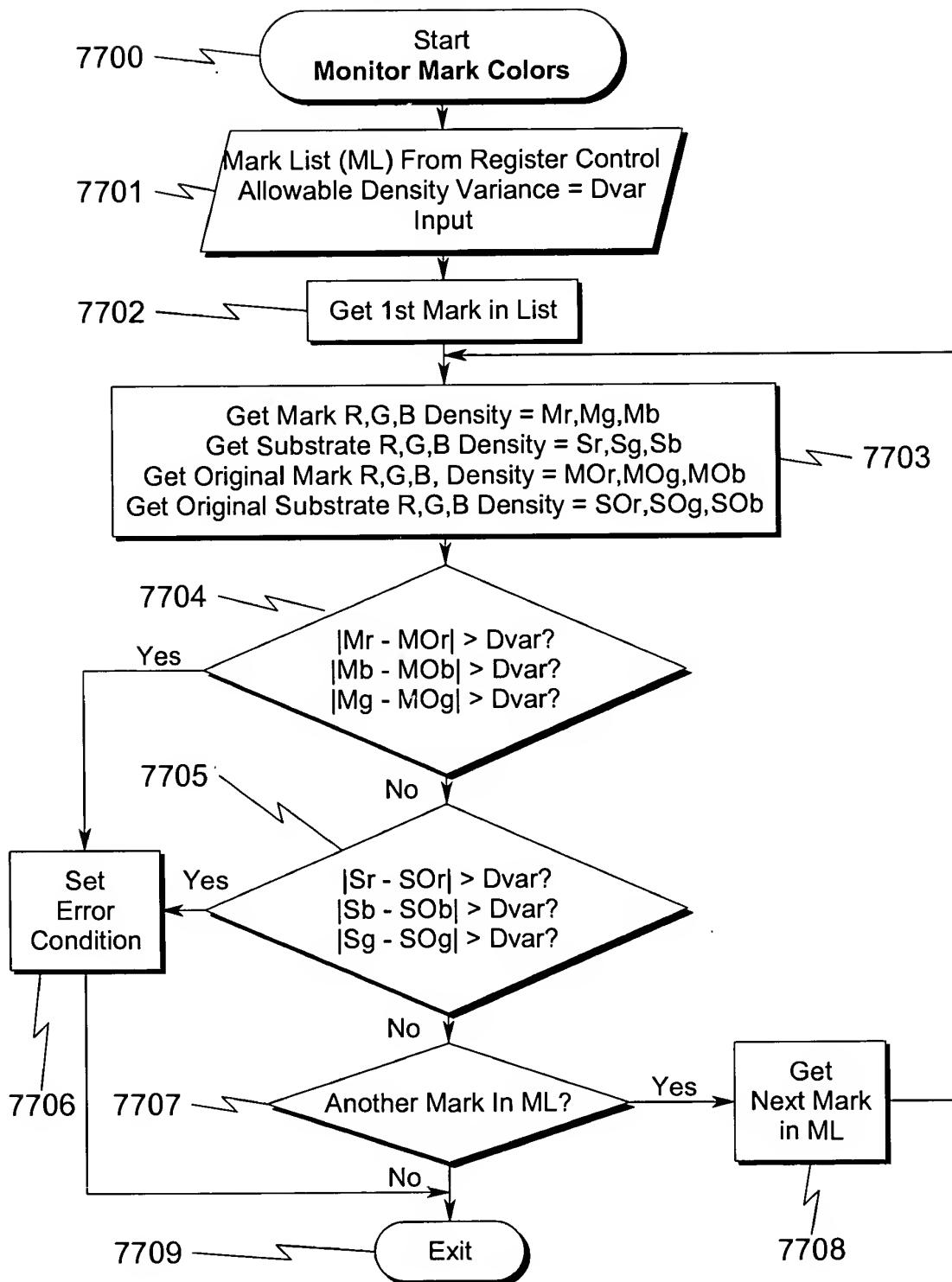


FIG. 78

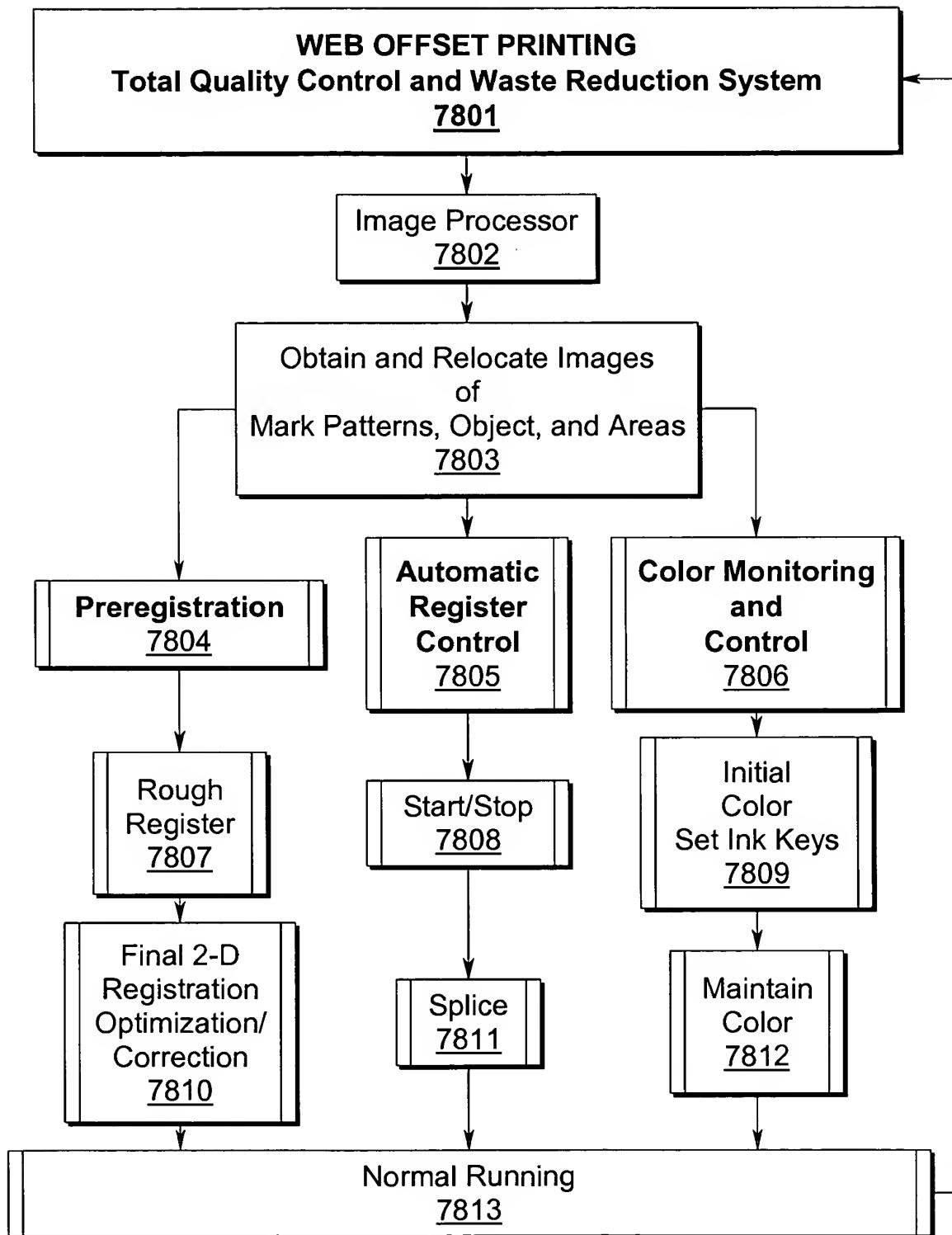


FIG. 79

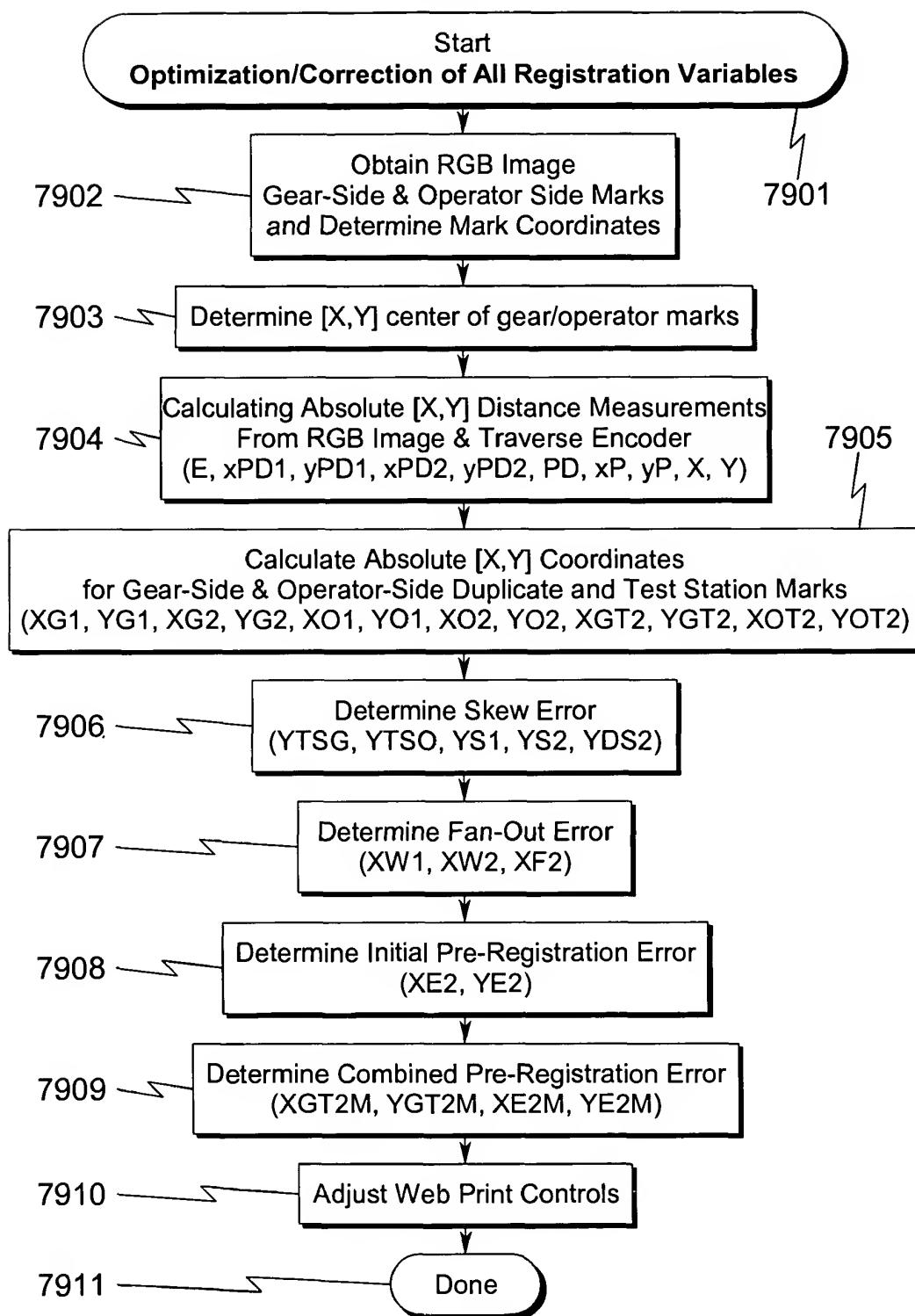
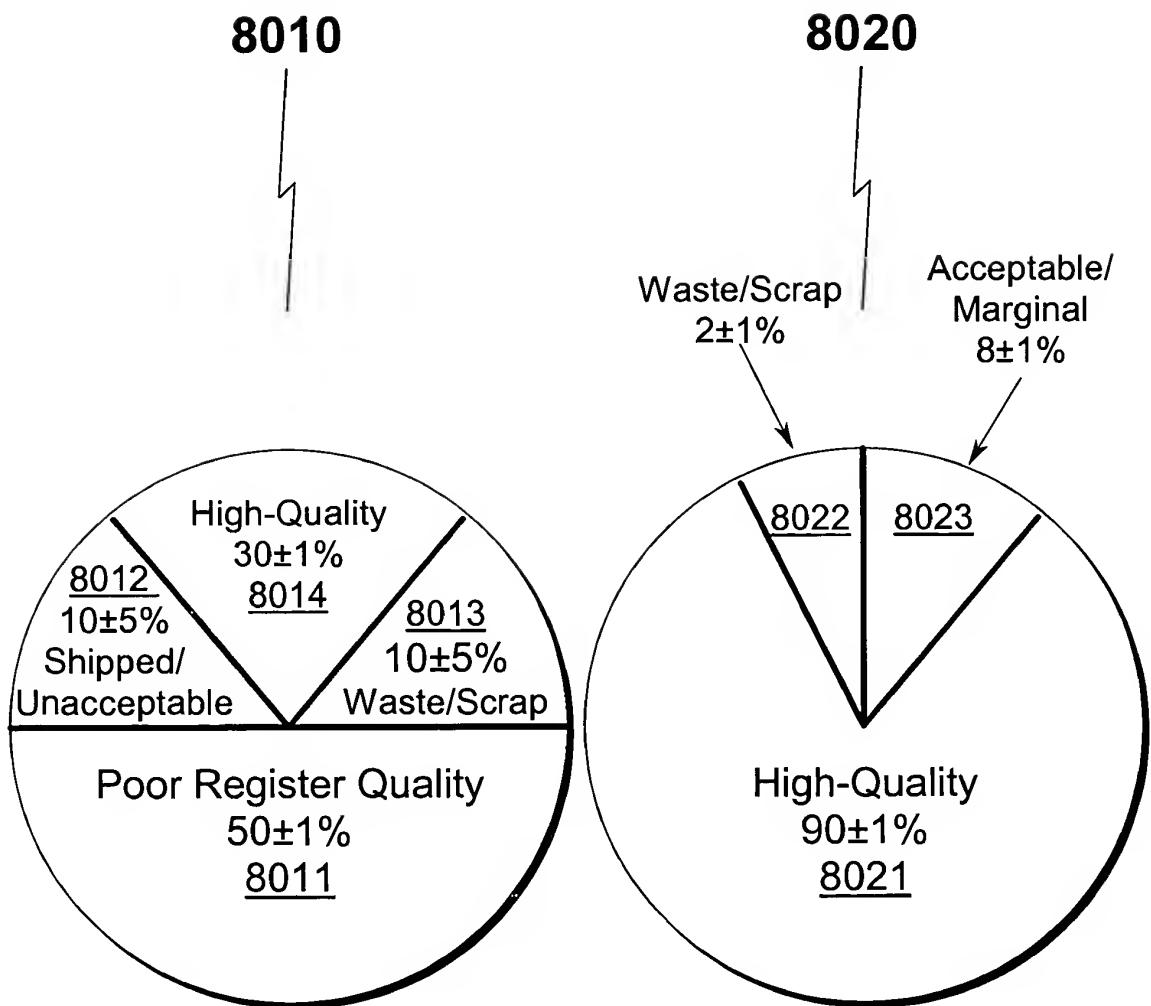


FIG. 80



**Prior Art
Product Distribution**

**Present Invention
Product Distribution**

**Exemplary Newspaper Publication
Waste Recovery Profile Distribution**

FIG. 81

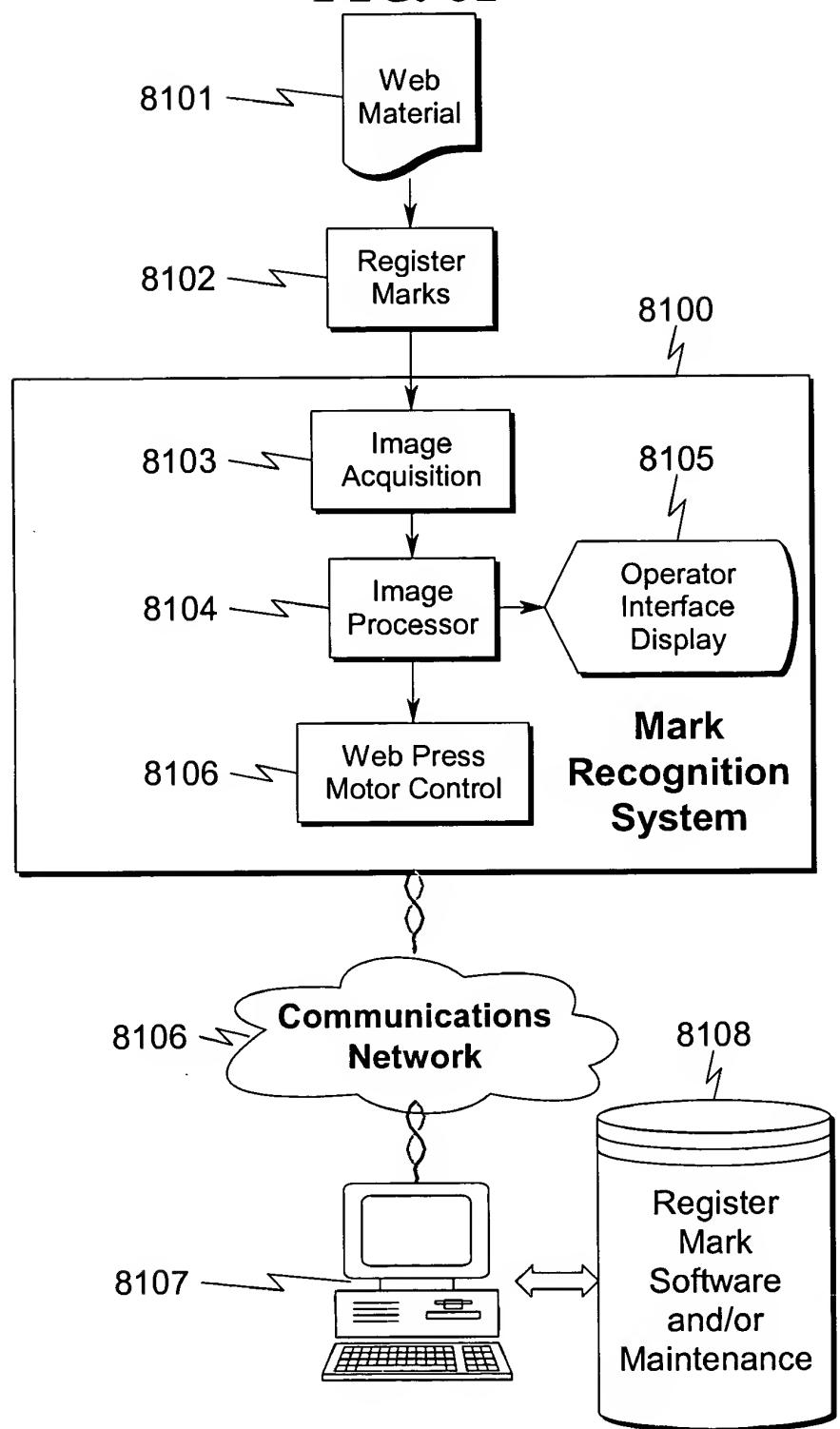


FIG. 82

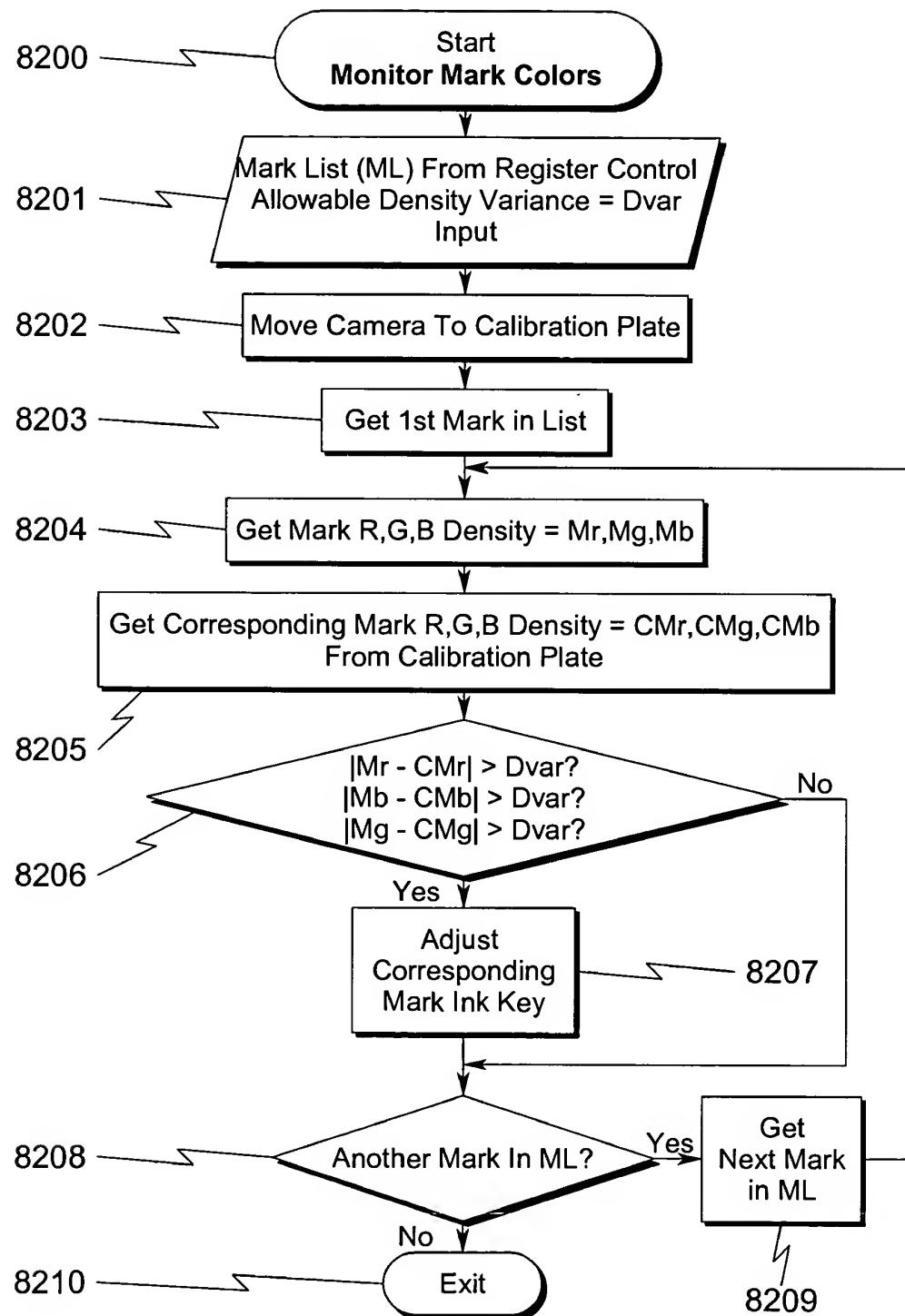


FIG. 83

